YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	VIGNAN'S INSTITUTE OF INFORMATION TECHNOLOGY (A)
• Name of the Head of the institution	Dr. B Arundhati
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone No. of the Principal	08912755333
• Alternate phone No.	08912755444
• Mobile No. (Principal)	9866399921
• Registered e-mail ID (Principal)	vignaniit@yahoo.com
• Address	Besides VSEZ , Duvvada,Vadlapudi Post , Gajuwaka
• City/Town	Visakhapatnam
• State/UT	Andhra Pradesh
• Pin Code	530049
2.Institutional status	
• Autonomous Status (Provide the date of conferment of Autonomy)	28/02/2017
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**Self-financing**
• Name of the IQAC Co-ordinator/Director	**Dr. Ch. Hari Govinda Rao**
• Phone No.	**08912755222**
• Mobile No:	**9550782979**
• IQAC e-mail ID	**dean_iqac@vignaniit.edu.in**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://www.vignaniit.edu.in/AQAR%20Report%202019-20.pdf
4.Was the Academic Calendar prepared for that year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	http://vignaniit.edu.in/academicCalendar.php

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**B**	**2.54**	**2012**	**10/03/2012**	**09/03/2017**
Cycle 2	**A**	**3.41**	**2017**	**19/07/2017**	**31/12/2022**

6.Date of Establishment of IQAC	**11/07/2012**

7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Dr. K. Srinivas Naik	MODROBS	AICTE	20/07/2020	1509412
Dr. Gunda Yoganjaneyulu	Investigations on the Form ability Microstructure and Mechanical behavior of Titanium and Nitinol alloy foils during Single Point Micro Incremental Forming Process	SERB	08/10/2020	2397510
Dr. Gummadi Venkata Rao	STTP Grant	AICTE	12/10/2020	391667
Institution	Seminar Grant	NAAC	08/02/2021	30000
Institution	Idea Development, Evaluation and Application Laboratory (IDEA Lab)	Central (AICTE)	17/06/2021	5500000

8.Provide details regarding the composition of the IQAC:

- Upload the latest notification regarding the composition of the IQAC by the HEI

[View File](#)

9.No. of IQAC meetings held during the year 2

• Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website?	**Yes**
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded

10.Did IQAC receive funding from any funding agency to support its activities during the year?	**Yes**
• If yes, mention the amount	**30000**

11.Significant contributions made by IQAC during the current year (maximum five bullets)

Extending Quality Aspects of the consistency, accountability and innovative thoughts in HEI as per the revised guidelines of NAAC, conducted a National Level Workshop (IQAC-NLW2021).

Promoting Quality Research by conducting workshop conferences, guest lecturers and advanced research and emerging trends in the Industry Needs and also established advanced research laboratories.

Initiating strategies and student centric approaches for sustainable development of the student. Signing MOUs with prominent Industry and promoting Industry – academia interface to reduce the gap between industry and academia.

Development of Ecosystem through IIC and Idea Lab for Bringing Innovative Ideas and Intellectual properties

Empowering faculty to develop E-content that contributed knowledge bank for HEI's during Covid19. And also encouraging students and staff to register and complete online courses through Swayam/Coursera etc.

12.Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Developed Periodic documentation process to collect the data of day-to-day activities on regular basis.	**Standardized documentation templates as per the revised guidelines of NAAC Documentation, the same is being utilized by the departments for**

	reporting progress to various key metrics. All formats released to related to Monthly reports, Quarterly reports and Semester wise reports and annual reports.
Fixation of annual targets and follow-up action	After reviewing the last year attainments / benchmarks, the team IQAC fixed annual targets and also conducted continues reviews on its results. Also circulated amongst the process owner's and follow up is being in practiced by the IQAC cell.
Follow-up action on Teaching & Learning Process and necessary action	Implemented well defined Lesson Plan for every course that creates an attractive student Centric Learning Environment and implemented regular assessment system to monitor day-to-day activities of Teaching Learning Process. Conducted Perioding Class Review Committee (CRC) and Academic
Innovation Eco-System and Initiatives for improving quality research	Established IDEA Lab with the support of AICTE to create an eco-system that facilitate ideation and grooming intellectual properties. In order to emphasis the research environment among the faculties on emerging areas, the institute has taken a step ahead to conduct research colloquium. This enhanced inter-disciplinary research among the faculty. To overcome the gap between Industry and Academia, the institution has organized 5-day research conclave in which near about 30 Industry and start-up were participated. Through which industry research collaboration has been improved. Also taken

	initiation and encouraged the faculty to publish the papers in quality journals with High Impact Factor. Subsequently, the intuition rewarded faculty with monitoring benefit as per the revised research policy.
Digitization of administrative process for Alumni	Partnered with Global platform (Vaave.com) that integrates alumni of the institute and helps to participate in various career advancement activities like, SARC Internship Program (SIP), Alumni Leadership Program (ALP), Career Centre (CC) for Alumni and also integrated with Learning Platform.
Implementation of Feedback mechanism and regular audits	Implementing regular Audits and Feedback mechanism to identify the gaps in both administration and academics. Regularly conducted both internal and External Audits like, academic audit, administrative audit, green audit, Energy Audit, Environment Audit and ISO etc; and also prepared the gap analysis to disseminate the compliances to the concerned process in-charges for timely action.
Participation in National Body Surveys, and submission of AQAR	In order to assess the status of institute, regularly participated in various national surveys conducted by National Bodies like, NIRF, AISCHE, and AICTE-CII survey. The team IQAC preparing assessment reports time to time and submitted the data as per AQAR.
13.Was the AQAR placed before the statutory body?	Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
Governing Body of the institute	17/10/2020

14.Was the institutional data submitted to AISHE ? | Yes |

- Year

Year	Date of Submission
17/02/2020	17/02/2020

15.Multidisciplinary / interdisciplinary

The institute strongly believe that the Multidisciplinary/interdisciplinary approach helps in reducing the gap between colleges and industries and crossing boundaries of various Disciplines and creating something new. The institute has an inbuilt provision of developing flexible curricula/syllabi for all the programs which can be offered inter and intra disciplinary, & cross-disciplinary. The students have the option to choose interdisciplinary programs of their choice.

The institute being multidisciplinary, focuses on teaching, research and service offering Bachelor, Master level. At the Under graduate level programmes offered in Choice Based Credit System (CBCS) have a requirement for students of a particular programme to take 10 courses from other CBCS programmes. Programmes in Computer Science, Electronics, Electrical, Civil, Mechanical, Information Technology and MBA facilitate students to choose electives across their programme groupings. The courses from these disciplines are embedded in the course structure of engineering and technology which exhibits the multidisciplinary/ interdisciplinary nature of curricula, and values towards the attainment of a holistic and multidisciplinary education. on other side many Add on and Value-added courses are introduced.

Outcomes:

1. Students of all branches are finding jobs in many MNCs

2. Boosted creativity and critical thinking among the students
3. Developing the solutions for societal problems.

16.Academic bank of credits (ABC):

The primary goals of Academic Bank Credit (ABC) is to encourage student-cantered learning, emphasise student-friendly teaching strategies. As per the UGC (Establishment and Operation of Academic Bank of Credits in higher Education) Regulations, 2021 the Institute has registered itself for the Academic Bank of Credits. The provision will help those who exit or enter a programme during the programme duration. The Institute has over a large active Memorandums of Understanding with many Institutions to enable student and faculty for academic mobility and credit transfer.

MoUs are also signed with professional bodies such as ACCA, CISI, CIMA, CISCO, Coursera, NPTEL for enabling students to achieve faster professional qualification. The students of BTech, MBA and MCA programmes have a provision to take up a Semester -long paid industry internship in their final year and complete the academic requirements. The Institution will be strengthening its existing initiatives towards flexible and interdisciplinary learning. The Institution will explore possibilities to enter into MOUs with other Institutions and degree awarding colleges in different parts of India to enable the students of each other's institutions to pursue courses and transfer credits bilaterally.

The institute taken initiative and already registered with National Academic Depositor (NAD) Digi Locker. As the institute is affiliating to JNTUK University, Kakinada, the university maintains the academic credits of the students but whenever necessary the institute will Register or develop for virtual store house of credits to avail academic bank of credit to maintain the information of credits earned by individual students throughout their learning journey.

17.Skill development:

Skills and knowledge are the driving forces for increasing pace of globalization and technological changes, Hence VIIT provides sufficient opportunities to students for enhancing their skills and hobbies through participation in several activities organised by Departments, Training cell, Student Activity Council, IDEA Lab and Entrepreneurship Cell.

Skill development training courses through which students get an opportunity to acquire new skills or enhance the existing skills.

At VIIT skill-based training is provided at different levels in different forms.

- During I-Year of engineering focus on Communication skills, Design thinking and Programming Skills
- In II-Year, activities based on Fitness, societal issues, mini projects and team work, Branch specific Add on courses and also programming skills
- Extensive Training on Reasoning, Aptitude, Coding and problem solving. In addition, students are deputed to various industries for two weeks to have hand on experience. Every student is expected to complete two value added courses
- During IV-year Group discussions, Technical Interviews, Coding contests, Mock interviews are continuously organised. All the students are sent for semester long Internship where they complete the training on real time atmosphere and also pursue the projects based industrial problems. To improve the presentation skills students are trained to write research article.
- Inviting experts from Industries and other dominies and arranging the talks is a regular feature.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Students are sensitised to cultural practices and traditions through fests and events such as Sankrathri Sambaralu, Ganesh Jayanthi, Mutki Breaking (Krishnaswami) Charismas Celebrations, Ramajan (celebration on languages), Ethnic Day etc Competitions involving Indian traditions such as Rangoli and yoga are conducted. The institute will continue to build on these strategies of embedding Indian knowledge systems in curriculum, making knowledge available digitally in Indian languages, and embedding the traditions and practices in fests and competitions.

Realising the fact that most of the students joining the Institution are from Rural back ground and pursue their school education in Vernacular language Institute has given instructions to its faculty to clarify the doubts in the native language of the student.Students are sent to nearby villages and asked them to explain the technology to people in the local language. In the Project Expos and presentations, the students are permitted to explain in their mother tongue. In addition to that, work-shops are conducted to both staff and students and explained about Vedic system education.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The Institute has adopted Outcome Based Education (OBE). As an institutional initiative, Teaching Learning Enhancement Cell (TLEC) was started in 2018 with a view to support and oversee the implementation of OBE. As a first step the TLEC.

- Trained all the faculty members and administrative support staff from the Institute in principles and practices of OBE. Concurrently, the Institute ERP is enhanced to
- support OBE including the assessment of Programme and Course Outcome attainment. This has helped to capture the OBE in teaching- learning and evaluation
- process effectively. In order to capture OBE in teaching learning practices, at the department level, Course Outcomes were mapped to programme outcomes for all Programmes to facilitate the assessment of Course outcome and Programme outcome attainment with instructional strategies.
- Faculty members were trained to develop standards, criteria and indicators to
- assess course (learning) outcome attainment of students for each internal assessment and end semester examination. These standards, criteria and indicators of learning are captured through assessment rubrics, rating scales, and other measures.
- Measures were put in place to assess both direct and indirect attainments in courses and programmes. This is done by taking surveys from the students about their perception of their learning course wise and as an exit graduate survey. Indirect attainment measures are also collected from employers, internship supervisors and other stakeholders.

20.Distance education/online education:

The Institute has been training faculty to offer course modules in blended mode since 2019.The Institute also has established state-of-the art studios for video- audio content creation. Video content for over 115 courses is developed during Covid pandemic and during covid pandemic time faculty have delivered lectures on online mode using video content. Even now faculty are developing the video content and also using the for blended teaching mode.

 In the curriculum of VIIT a provision is given to the students to complete four courses on online mode. Even faculty are encouraged to complete the at least one advanced course in their particular domine online. Institute has signed MoU with Coursera. More than 5000 courses were completed by both faculty and students in the two years on online mode using Coursera platform.

Extended Profile

1.Programme

1.1	18
Number of programmes offered during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.Student

2.1	4924
Total number of students during the year:	

File Description	Documents
Institutional data in Prescribed format	[View File](#)

2.2	1283
Number of outgoing / final year students during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.3	4809
Number of students who appeared for the examinations conducted by the institution during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.Academic

3.1	804
Number of courses in all programmes during the year:	

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

3.2	292

Number of full-time teachers during the year:	

File Description	Documents
Institutional Data in Prescribed Format	View File

3.3 Number of sanctioned posts for the year:	**292**

4.Institution

4.1 Number of seats earmarked for reserved categories as per GOI/State Government during the year:	**525**
4.2 Total number of Classrooms and Seminar halls	**103**
4.3 Total number of computers on campus for academic purposes	**1521**
4.4 Total expenditure, excluding salary, during the year (INR in Lakhs):	**1335.94**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Our Institution designed the curriculum by taking the discussions and deliberations in the Curriculum Design and Monitoring Committee (CDMC), Board of Studies (BoS) and sent to Academic Council and Governing body for final approval. The institute reviewed eight programs by collecting and analysing the feedback from stakeholders. The total of 409 new courses have been introduced during the academic year 2020-21.

PSOs are delineated to meet outcome-based education. The curriculum designed is ensured to be relevant to local, national, regional and

global developmental needs by satisfying the POs and PSOs of the graduates.

We have a well-designed Academic Calendar which facilitates students' holistic development and industry readiness to achieve the course outcomes and developmental needs of the students.

Relevance to Local, National, Regional, and Global needs:

Every course outcome in the syllabus has designed to leave a practical experience. The emerging skill development courses introduced in the curriculum facilitate the student to develop interpersonal skills and professional skills that help them to adapt to the global environment. Societal problems are addressed through mini projects and extension activities, relevant to local and regional needs.

Impact:

- The institution fulfilled the requirements of society and industry through societal projects and skill development courses.
- The quality of placements has increased due to the emerging skill development courses.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	http://www.vignaniit.edu.in/criteria1.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

8

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

804

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

409

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Gender Sensitivity:

Promoting gender equality has been a top priority at our institution, right from its establishment. We strive to cultivate a culture where students are encouraged to respect and value individuals of all genders. Our institute offers add-on courses on "Gender Sensitization" to enhance understanding and awareness of gender issues.

Outcome:

The institution safeguards the self-esteem of female students while encouraging them to undertake projects aimed at promoting women's safety, such as developing algorithms like KNN and creating the AMPHITBOT.

Environment and sustainability:

Mandatory courses such as environmental science, engineering, impact assessment, Solid and Hazardous Waste Management, Energy storage systems etc., are introduced in the curriculum to promote environmental consciousness and sustainability. In addition to that the Add-on courses are introduced to uphold environmental sustainability.

Outcome:

- Minimized the power consumption and controlled the water wastage in the campus.
- Maintaining the greenery through regular plantation in the campus.

Human values and ethics:

A course on "Professional Ethics and Human Values" is offered for UG/PG students.

Add-On courses are offered such as Research Ethics, Moralities of everyday life etc.

Impact:

The students' behavour and concerns about personal and community morals and ethics have changed for the better and positive.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

46

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

4224

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

4787

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained   **A. All 4 of the above**

**from 1) Students 2) Teachers 3) Employers
and 4) Alumni**

File Description	Documents
Provide the URL for stakeholders' feedback report	http://feedback.vignaniit.edu.in/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://vignaniit.edu.in/feedback/index.php
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1563

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

480

File Description	Documents
Any additional information	[View File](#)
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Students who consistently score at least 7 CGPA as an aggregate in all the courses are categorized as advanced learners, while those who score below 7 CGPA are categorized as slow learners. In case of first year students, if he/she scores more than 60% marks in the first internal examination is considered as advanced learner

Special programme for Advanced Learners:

? Self-learning through NPTEL, and Coursera

? Hackathons, Competitive Coding, and design contests

? Real- time industry projects

? Special classes for GATE

? Special training to place in product based companies

Outcome:

? 95% of advanced learners are placed with average package of INR 5.2 LPA

? All students undergone semester long internship in MNCs and government organizations

? 15 students selected in renowned universities such as Cornell University for higher education

? 38 Students are placed with more than INR 10 LPA

Special programme for Slow Learners:

Continuous counseling of students to understand their challenges and overcome any psychological imbalances or family issues

? Remedial Classes

? Backlog classes for supplementary examination.

? Peer mentoring with the support of advanced learners.

? Facilitation of career-based training programmes.

Outcome:

? Most of students complete their courses within the stipulated time

? 50% are placed with average package of INR 3.5 LPA

? 10 students opted higher education

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vignaniit.edu.in/student_diversity_policy.php

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/12/2021	**4924**	**292**

File Description	Documents
Upload any additional information	[View File](#)

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Whole teaching-learning process is made Student Centric by adopting creative Teaching Methodologies such as

Experiential learning:

? Semester long Internship was introduced and more than 600 students were benefitted.

? Many courses were integrated with labs.

? Hands-on training was imparted by establishing 5 Skill Development Labs and 130 Minor Projects have been developed by utilizing those lab facilities.

? To gain practical knowledge and application, 39 Value Added Courses were introduced.

Participative learning:

? Innovative teaching methods like Flipped classroom, Think Pair share, Jigsaw learningwere implemented. 550 topics were covered by applying these practices in the academic year 2020-21.

? Encouraged to present and publish research articles in conferences as well as reputed journals.

? Three Credits were provided for online courses to impart self-learning.

Problem solving methodologies:

? Students were given real time problems and asked to apply critical thinking to devise solutions. As a result, 50 trans-disciplinary and societal projects were completed.

? 15 Special coding competitions were conducted.

Impact:

? More than 600 students completed semester long internship.

? 12 feasible solutions such as Smart Tricycle, Low cost Dish Washer, E-Cycle weredeveloped.

? Team of 5 students won 1st Prize worth Rs. 60000/-at VSSUT- Inno Buzz Hackathon.

? 15 students were selected for internship and placement in the company.

? 130 projects have been developed to address societal issues.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional Information	https://vignaniit.edu.in/naac/criteria2/2.3.1%20Attachments/2.3.1.%20A%20Experiential%20learning.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Utilization of ICT tools and e-learning material are the part of teaching-learning process. Hence all the faculty members were trained in usage of ICT tools to develop e-content. All the classrooms are equipped with ICT tools and some of them are with Smart boards.

- 10 Lecture recording studios are developed in the institute and more than 3500 video lectures are developed by the faculty.
- With the help of e-content and video lectures developed classroom teaching become very effective and learning ability of students has been enhanced.
- During COVID-19, the e-content utilized to teach effectively through online.
- All the e-content and video lectures are made available to all the students and faculty through the online portal. Online courses are integrated with curriculum.
- Faculty was engaged to conduct virtual experiments in the laboratories such as V-Labs.

Facilities Created:

- All classrooms are made ICT enabled.
- 10-Lecture recording studios are developed
- Smart boards arranged in some classrooms.
- All the e-content is made available online through the portal.

Impact:

1. Online classes conducted effectively during COVID-19.
2. E-learning material effectively used by slow learners.
3. Academic performance remained excellent throughout the COVID-19 period.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vignaniit.edu.in/ict_facility.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

271

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic Planning and Monitoring Committee (AP&MC) prepares the academic calendar and academic planner. Academic Calendar and Semester-wise Academic Planner are prepared well in advance and circulated among all the stakeholders. It consists of lecture plans, internal and external examinations schedule, extra and co-curriculum events, and holidays.

? Courses are allocated to the faculty at least one month in advance. So that, they can prepare lecture plans and course files.

? Lecture plans are distributed to the students, displayed in classrooms, and institution website.

? The quality of teaching is monitored directly by the principal through attending to the class and interacting with students frequently.

? Class Review Committee (CRC) meets once in every fifteenth day of the month to review the effectiveness of the classes, lecture plans and other activities. If any deviation is noticed, the Head of the Department rectifies it.

Impact:

? More than 90% of the faculty obtained90% and above feedback from student regarding effectiveness in delivering lecture.

? 90% of students participated in extra, co-curricular activities as per schedule.

? Conduction of examinations and declaration of results followed the schedule mentioned in the Academic Calendar.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

292

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	[View File](#)

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

90

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	[View File](#)

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2006

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

9.52

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

39

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The entire examination system of VIIT(A) is integrated with IT. Both internal and external assessment process is carried with well-defined SBEMS (Smart Brainy Examination Management System) software. Institute has successfully conducted online mid examinations, despite the Covid-19 pandemic, for 4000 students in 400 courses, and declared the results.

? More emphasis is established on continuous evaluation for both theory and lab courses.

? Time to time internal examinations are conducted in adherence to academic calendar.

? Notifications were published on our website and notice board.

? Evaluation process is integrated with software and made open to every student.

? Three sets of question papers are being prepared by faculty from IITs, NITs and reputed Universities following Blooms taxonomy.

? Question papers are moderated just a few hours before the commencement of examination in a very confidential way.

? Examinations were conducted under CCTV surveillance.

? The scheme of evaluation is prepared and available to students.

? Entire examination process is periodically audited.

Outcomes:

? Continuous evaluation improved the performance of the students.

? Students' skills were improved by concentrating on the Blooms Taxonomy level.

? Results are declared within 10 days from the date of final examination.

? The entire procedure has been open and transparent to students.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vignaniit.edu.in/naac/criteria2/2.5.3%20Attachments/2.5.3%20Examination%20procedures%20and%20processes-AY%202020-21.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Course Outcomes for all courses offered by the Programs in the institution are well defined at the time of development of the curriculum. POs and COs are Stated and displayed on the website and communicated to teachers and students. Feedback from all stakeholders that include, management, faculty, students, parents, and alumni is considered for defining the Cos. Enough care is taken while designing the curriculum and courses in order to achieve the POs.

The drafted COs are discussed in both Board of Studies and Academic Council meetings. The POs and the finalized COs are published, disseminated, and displayed at various locations in the campus, to create the awareness among the stake holders.

Published in

- **Institute Website**
- **Syllabus Books**
- **Lab Manuals**

Disseminated through

- **Faculty Development Programs**
- **Student orientation Program**

Displayed in

- **Classrooms and notice boards**
- **Parent Teacher Meetings**
- **Laboratories**

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://vignaniit.edu.in/naac/criteria2/2.6.1%20Attachments/2.6.1%20POs-PEOs-PSOs.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The Programme Outcomes (POs) and Course Outcomes (COs) were evaluated after every activity, to check the attainment level. The attainment levels were evaluated through direct and indirect assessments. The direct assessment of COs is carried by conducting the internal examinations, giving assignments, quiz and final examinations. The indirect assessment of COs is obtained by conducting course end surveys that incorporate student perspectives on teaching and learning.

The direct assessment of POs and PSOs is obtained by observing the overall achievement of the intended courses outcome and the indirect assessment is measured by collecting feedback from all the stack holders, i.e. students, alumni, faculty, employers and parents.

Tools used

Target Marks (%)

Attainment levels

Weightage

Internal Exams

60% of Maximum Marks

60% to 69% = 1

70% to 79% = 2

?80% =3

Direct assessment (80%)

End semester exam

50% of Maximum Marks

Indirect assessment (20%)

Example:PO-PSO attainment values of 2017 admitted B. Tech-CSE andEEE areas follows.

PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12 PSO1 PSO2 PSO3 EEE 2.52 2.43 2.39 2.35 2.34 2.12 2.19 2.17 2.14 2.12 2.11 2.18 2.13 2.34 2.32 CSE 2.64 2.59 2.43 2.44 2.48 2.21 2.29 2.30 2.23 2.30 2.40 2.37 2.46 2.47

.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vignaniit.edu.in/naac/criteria2/2.6.2%20Attachments/2.6.2%20Attainment%20of%20POs%20and%20COs.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

1155

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	[View File](#)
Upload any additional information	[View File](#)
Paste link for the annual report	https://vignaniit.edu.in/naac/criteria2/2.6.3%20Attachments/2.6.3%20C%20Examinations-%20Annual%20Report%202020-21.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://vignaniit.edu.in/naac/criteria2/2.7.1%20Attachments/2.7.1%20
SSS%20-%20AY%202020-21.PDF

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

We firmly believe that the primary objective of engineering education is to foster the generation of new knowledge and innovative thoughts and ideas. Our institution has a well-defined research policy in place. This policy is developed by the Research Committee, guided by the Research Committee Members, and approved by the Governing Body. The Dean's R&D consistently updates the research facilities of the Institute.

Salient features of the Research Policy include:

- Establishment of a dedicated team of researchers with minimal teaching responsibilities.
- Provision of funding to support teachers' participation in workshops and conferences.
- Reimbursement of 10% of the project cost as an incentive for successfully completed projects.
- Encouragement for teachers and students to publish their papers in high Impact Factor journals.

Research Facilities:

- AICTE-IDEA lab
- The Advanced VLSI Laboratory is funded by AICTE through the MODROB program.
- Projects sponsored by Software Technology Park of India (STPI), Ministry of Electronics and Information Technology (MeitY).
- Laboratories sponsored by DST-SERB.
- Dedicated servers.
- Plagiarism detection software.
- High-speed broadband internet.
- Research Center recognized by JNTUK.

Impacts:

- Received 13 projects from government and non-government organizations.

- **Conducted 18 extension activities and adopted one neighboring village.**

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.vignaniit.edu.in/research/Research%20Policy-2020.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

27.4

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

13

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

60.34

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

14

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vignaniit.edu.in/naac/criteria3/3.2.4/3.2.4%20funding%20agency%20links.pdf
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

17

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.vignaniit.edu.in/naac/criteria3/3.2.4/3.2.4%20funding%20agency%20links.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institute, in collaboration with the Institute Innovation Council, approved by the Ministry of Human Resource Development (MHRD), has developed an ecosystem that fosters the consistent generation of ideas and facilitates their transformation into tangible products. This ecosystem effectively addresses societal concerns and introduces new initiatives to sustain these ideas. It achieves this by incorporating domain-specific ideas from various sources, including:

1. Highly qualified and experienced research faculty.

2. Emotionally balanced students with strong technical expertise.

3. Well-equipped research facilities.

4. A dedicated research and development (R&D) team.

5. Support from funding agencies and bankers.

6. Transfer of technical and domain knowledge from industry experts, facilitated by practical exposure through internships.

7. Skill development centers that enhance the capabilities of both students and faculty.

8. Contributions from alumni and placement partners, who provide valuable insights into market dynamics and forecasts.

9. An Engineering Exploration lab that stimulates students to design innovative models.

Impact:

The implementation of this ecosystem has yielded significant results, including:

1. Establishment of the IDEA Lab, funded by the All India Council for Technical Education (AICTE).

2. Organization of 41 innovative activities.

3. Publication of 17 patents.

4. Granting of 9 patents.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/iic.php

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

40

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	View File

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

21

File Description	Documents
URL to the research page on HEI website	https://www.vignaniit.edu.in/research/2020-21%20SCHOLARS.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

302

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

392

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vignaniit.edu.in/naac/criteria3/3.4.4/3.4.4%20final%20book%20chapter.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

1442

File Description	Documents
Any additional information	[View File](#)
Bibliometrics of the publications during the year	[View File](#)

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

19

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File](#)
Any additional information	[View File](#)

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

24.52

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

73.78

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The Institute's vision is to foster the development of socially responsible students and faculty members who can meet the present and future needs of industries for the nation's progress. The primary objective of these outreach activities is to disseminate knowledge and raise awareness about social issues among local students in the neighbouring socioeconomic regions. This, in turn, promotes the comprehensive growth of our students. Through organized teamwork, students actively participate in creating and implementing programs.

The main aim is to enhance knowledge among the residents of the

adopted community neighbouring our institute in the areas of plantation, hygienic livelihoods, and sanitation. The following initiatives have been undertaken:

1. Empowering students with effective communication skills.

2. Promoting environmental consciousness.

3. Educating students on first-aid techniques.

4. Encouraging health awareness, particularly regarding anaemia.

5. Promoting awareness about generic medicines.

6. Providing education to school children on goal setting and cultivating a positive attitude.

7. Creating awareness about the Covid-19 disease and its contagious effects.

Impact:

1. Improved awareness of public health.

2. Adoption of self-hygiene practices and consumption of nutritious food.

3. Identification of potential career goals.

4. Encouragement to choose non-branded medicines when purchasing.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/nssunit.php

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

6

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

18

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1563

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

127

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

9

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institute spread over 16.64 acres of land, is in a serene and lush green environment very congenial for learning. Surrounded by many premier industries such as Vizag Steel Plant, BDL, VSEZ, etc., the institution relishes the advantage of institute industry interactions.

1. The Institute is recognized as GREEN CAMPUS
2. Instructional Area: 33259 Sq.m Completely ICT enabled.

Facility

Numbers

Classrooms

93

Research Laboratories

04

Seminar Halls

10

Library

10

Auditorium

5300 Sq. m

Hostels

1000 capacity

1. **Administrativearea: 3200 Sq.m area is being utilized for various administrative purposes, Examination section, and various cells.**
2. **Amenities Area: 9300 Sq.m is available to cater games, yoga, common rooms, health center, cafeterias, washrooms, etc.**
3. **Computation Facilities: 1521 computers, 375 CC-Cameras, 1100MBPS bandwidth internet with required Wi-Fi Routers.**
4. **Power Backup: Generator-520 KVA, UPS-325 KVA, and Solar Power -250 KW**
5. **Circulation and other Areas:All the buildings of the institute extend of 9932 Sq.m with excellent ventilation and free space for students and staff mobility.**
6. **Library Facilities:Central Library, 10 Dept. Libraries and a Digital Library. In total 54815 Volumes and 11335 Titles and e-journals are available.**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://youtu.be/sq8ISpdiaLc

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The institution endeavours to produce skilled, knowledgeable, dynamic, and well-balanced professionals who are capable of leading organizations and are keen on serving society. Hence, adequate care is taken to develop students in all dimensions, such as intellectual, physical, social, and psychological aspects.

The Student Activity Council (SAC) is in place to take care of all the extracurricular activities. SAC organizes Sports, Cultural, Green clubs etc.

Indoor and Outdoor games & sports facilities, a well-equipped gym, and a yoga center are spread over the area of 38208.93 Sq.m.

Separate places for cultural activities, literature, and public speaking are also created.

The Physical Education Cell is supported by 4Physical Directorsto train the students in physical activities.

Every year, it is our practice to organize National Level Cultural Fest (YUVATARANG) to promote behavioural and attitudinal transformation of the students.

Outcomes

1. The institution produces graduates with emotionally balanced, physically and psychologically strong and imbued with social consciousness.
2. University championship in sports and games in the last three years continuously.
3. 90% success rate both in academics and placements.
4. Medals received at the national level: 4 Gold, 4 Silver, and 4 Bronze.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/physicalEducation.php

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

103

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

458.83

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The institution has central library with an area of 1436 Sq.m housing11335 titles and 54815 volumes and it has a digital zone with 30 systems. All the departments have their own libraries. They are managed by automated, multi-user; integrated library management software called EZlib, which was developed in-house by students and faculty.

1. The Institute is a member of the National Digital Library (NDL)
2. The library has subscription of 6762 e-journals from DELNET, INFLIBNET-N-List, IEEE, ASCE, ASME, Elsevier and 6226 e-books. Faculty and students can download and use them for their research and academics.
3. Research Publications, Journals, E-material, educational videos, etc., are downloadable.
4. Provided In-house access to all type of resources such as the NPTEL Video repository, Research Journals, Books, Course Files, etc.
5. Students can access all library resources and download digital content.

Impact

1. Automation of library services has increased the efficiency of content search and location functions.
2. Research publications have been increased to 307 per year.
3. Campus- wide availability of e-resources through Wi-Fi improved the academic and research culture.
4. By utilizing the resources in the library, students have registered and completed an average of 500 MOOC courses.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vignaniit.edu.in/centralLibrary.php

4.2.2 - Institution has access to the following: e- journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

12.07

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

419

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute functions have been automated and maintained with an In-House developed LMS. An effective IT policy is created to maintain a secured, legal, and appropriate use of IT infrastructure for the flow of information, maintenance of confidentiality, integrity, and accessible to all the stakeholders.

Salient features

1. IT infrastructure and services are made available 24x7.

1. Regular maintenance and up-gradation of systems is carried.
2. Adequate budget allocation to meet the current and future needs.

Policy Implementation

1. 1500 network connections through LAN and Wi-Fi access.
2. 1521computer systems are installed in Laboratories, Research Centres, Digital Library and Classrooms
3. 1100 MBPS Bandwidth Internet is available with adequate backup.
4. Installed an authoritative Cisco Meraki Firewall.
5. The dedicated LAN facility allotted to the examination section.
6. Strengthening the Learning Management System to enable the Remote Access Learning, Digital Content Management, e-content expansion, Data Storage Management, and Cloud Storage.

Maintenance of ICT Facilities:

The in-charge, System Cell and supporting staff are responsible to maintain the ICT facility of the entire campus.

The institution had an MOU with Green Waves Environmental Solutions to recycle the e-waste through a 'buy back' policy.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://assessmentonline.naac.gov.in/public/ index.php/admin/get_file?file_path=eyJpdiI6I lpwc2tDU1NvaU40ZHJOU3hKRDg3bnc9PSIsInZhbVlI joiR0ZoZERwZGVOaUNvVjdzSHh5eFZaZDRnUVZoQXE1b nljYkR3S3M5M0l2RXFpUGxJR3ptMjNqcy8rdHFqVzJaS SIsIm1hYyI6ImU1ZTRjYjE3ZWU4MzlmOWE0NWNjOWU3O DgyODY2ZDAyZTJmNDkzZmU5NTY4Mjg5NGRmOTZmZWNkZ GM1YzlhMjEiLCJ0YWciOiIifQ==

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4924	**1521**

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	View File

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing

A. All four of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/naac/criteria4/4.3.4/e-Vignanam%20_%20Highly%20Effective%20Online%20Teaching%20Practices%20at%20VIIT%20in%20Pandemic%20Times.mp4
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

848.57

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institution has an established system to monitor the utilization and maintenance of computers, classrooms, equipment, laboratories, etc. The Institution's Engineering Section and Hardware section maintain the physical and academic facilities. They report to Dean Infrastructure.

A well-developed feedback mechanism is in place to report.

A well-defined procedure is adopted to maintain the library and its belongings.

The In-charge System Celland hardware team are responsible for maintaining the ICT facility of the entire campus.

Lab In-chargeswith the support of Lab Technicians take care of the equipment and instrument maintenance. Heavy repairs are outsourced.

An Annual Maintenance Contract(AMC) is in place to maintain high-end

equipment and high-end servers, lifts, ACs.

Advanced Research Labs accommodating sophisticated equipment and maintained by a faculty in-charge.

The sports equipment, fitness equipment, and various playgrounds on the campus are supervised and maintained by the faculty of the Physical Education Department.

Outcomes

1. Clean and green environment for learning.
2. Free flow of information from end users to the Dean Administration.
3. 90 % of resources are always in use.
4. Preventing the degradation of the equipment and vehicles.
5. Saving the financial resources.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://complaint.vignaniit.com/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2513

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

987

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://vignaniit.edu.in/skillDevLab.php
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

4231

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

1045

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

25

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

56

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

12

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The Students Activity Council (SAC) in our Institute is a selected representation who are involved in all academic and non-academic aspects. It framed policies and made decisions for the advantage of the students in compliance with the Institute's policies. Students can voice their opinions and raise issues through feedback sessions formally and informally, which are resolved. They cascade information from the administration office and other committees to all students, and assist in planning and organizing various student-oriented activities. SAC meets on a monthly basis and recommends healthy initiatives.

Functions:

- Successful conduct of events including planning, budgeting, sponsorship, inviting guests.
- Active participation in Board of Studies (BoS), Academic Council (AC), Governing Body (GB), and all student committees, such as sports, discipline, mess etc.
- Rendering feedback to management
- Address socio-economic concerns through extension activities
- Monitor discipline on campus
- Facilitated in placements
- Promoted and developed the Institute's abilities in and around

the region.

- Framed the policies and planned programs that nurture the aptitude of the student community for holistic development.
- Raised funds internally and externally, whenever there is need to fulfil any social responsibility.

Out Comes:

- Gained leadership qualities, confidence, team spirit.
- Development of responsibility and participative learning.
- Developed communication skills.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/sac.php

5.3.3 - Number of sports and cultural events / competitions organised by the institution

14

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	View File

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Institute's Alumni Association is registered vide number 150/2008, and is functional connecting alumni and current students.

Contribution:

- Shared feedback on the improvement of curricula, processes and procedures.
- Recommended the need of advanced technologies for the quality delivery of classes.

- **Facilitated in designing real time problems, developed as mini projects by students, who developed objective and analytical thinking process.**
- **Facilitated for paid internships, mentoring for high-end placements**
- **Educated students on the emerging trends of the industry.**
- **Interacted with the students in 100+ guest lectures, online and offline, and mentored them to boost their morale and confidence.**
- **Connected the Institute and their HR, for placements.**
- **Helped the students with contribution of Rupees 3.25 lakhs.**
- **It is highly essential that students while pursuing their degrees perceive the industry experience in relevance to their courses and curriculum. The alumni of our Institute educated our current students about the same, that helped them understand the significance of curriculum, and stay motivated to complete their courses with best grades.**

Out Comes:

- **Established an open gym worth Rupees two lakhs.**
- **Students successfully adapted in their first jobs.**
- **1% of our students have turned out to be successful entrepreneurs.**
- **10% students got placed in high-pay MNCs**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://alumni.vignaniit.edu.in/?utm_source=email_template&utm_location=header

5.4.2 - Alumni's financial contribution during the year   **D. 2 Lakhs - 5 Lakhs**

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance is designed for the upliftment and welfare of students and faculty in tunewith its vision and mission.

To suit the vision of the institution, the following administrative steps are taken:

In Administration

1. Collaborative MoUs with a large number of industries and other institutions.
2. Involvement of Alumni in the Development.
3. Introduction of courses on physical fitness and Yoga.
4. Mandating students and faculty to understand the essence of social concerns

In Academics

1. Recruitment of more faculties having Ph.D degree.
2. Compulsory semester-long internship to all students.
3. Conduction of a large number of Add-on and value-added courses.
4. Imparting programming skills to non CSE students to make them industry ready.
5. Encouraging students for self learning through MOOCS and NPTEL
6. Introduction of courses on gender sensitivity, ethics, constitution, environmental sustainability.

In Research

1. Establishment of one research centre in each department.
2. Increasing the faculty having Ph.D degree to 50%
3. Incentives to both the faculty and students who perform better in research.

Impact

1. Developed the students into multi-faceted professionals and socially responsible citizens.
2. Faculty and students has published more than 500 research articles.
3. Achieved overall 90% placements and 10% of them are with high package to the extent of Rs.34 lakhs.

File Description	Documents
Upload any additional information	[View File](View%20File)
Paste link for additional Information	https://www.vignaniit.edu.in/governingbody.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Effective leadership is evident from the successful services rendered over the past two decades, and accredited to be one of the preferred institutions in the region. We adopted a decentralized methodology of executing the initiatives through well-structured organizational hierarchy, which resulted in tremendous success in academics and non-academics. We have 4 apex bodies and 19 committees, constituted by all stakeholders with inclusivity, who formulate the Institutional practices. These helped in democratic functioning of the institution. Grievances raised are effectively solved through grievance cell. Institutional handbook, is a bible for the Institutional practices.

Participative Management has been a key attribute in all our day-to-day activities, with feedback sought through committees, and brought into action.

The goals are realized within the stipulated time, only by a systematic approach of decentralization and participative management. In all discussions related to the policing and implementation of institutional practices, we gathered collective inputs before implementation.

With an approach of decentralization, all students and faculty gained access to participating in various decision-making sessions, that created a responsibility amongst every individual. We maintained transparency through our participative management and decentralization processes. Consequently, faculty and students respected their own responsibility and moved towards a particular goal, as one team.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.vignaniit.edu.in/naac/criteria6/6.1.2%20Attachements/6.1.2.a.Non-Statutory%20Committees%20and%20its%20proceeding%20orders.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Strategic plan, an output of series of discussions with experts helped achieve greater standards and delivered multi-faceted professionals to the society, which encompasses the growing technology trends, industry gaps and relevant revisions.

Curricula: CDMC revises the curriculum once in 2 years and did for 8 programs this year, with the changing needs of the industry.

Teaching Learning Process: All classes are ICT enabled and real time projects are done by students addressing the societal needs. Faculty underwent FDPs and learnt various teaching methods for an effective teaching learning process.

Research and Faculty Development: Faculty worked on funded projects and published quality papers in reputed journals, who were also incentivised for their performance. They also encouraged student publications to keep themselves upgraded to the advanced trends in the society.

Student Progression: Students were involved at all stages of the Institutional growth, seeking their inputs, and train them to be globally accepted professionals. Special classes were taken for advanced and slow learners, along with continuous mentoring, and increase the number of high-pay students.

Infrastructure Development: Developed a multidisciplinary innovation environment (IDEA Lab) and continued green initiatives.

- **Increased publications by 25%**

- **90% placements with 5% high-end packages**

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.vignaniit.edu.in/naac/criteria6/ 6.2.1.Attachments/Strategic%20Plan%20of%20the%20Institute%202017-22.pdf
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Institution observed transparency in every aspect, policies are revised regularly, matching the changing needs of society and regulatory authorities.

Governing Body (GB):

Provided guidelines in all policies, approved/amended all decisions related to academic, R&D, administrative, infrastructure, personnel and financial areas. The GB meets twice in the year.

Academic Council (AC):

Approved/Amended the curriculum formulated by BoS and checked the quality of teaching, training, and research and their outcomes.

Finance Committee (FC):

The principal is ex officio chairperson, that consists of one nominee from sponsoring society, two nominees from GB. It examine and scrutinize the annual budget of the Institute and seeks required approvals related to fee structure, allocation and application of funds. The Deans and HoDs are involved in the annual budget planning.

Admission Policy - Fair policy considering inclusivity and merit

Recruitment Policy - Effective process to recruit talented personnel

Promotion Policy - Transparent and merit based

Finance Policy – Optimum utilisation of funds

Research Policy – Motivate and reward worthy outputs

Industrial Training Policy – Facilitates in experiential learning

Service Rules – Unbiased and transparent service guidelines for staff

Impact:

- **Smooth functioning of the Institute**
- **Quality placements**
- **Effective teaching learning process**
- **Considerable improvement in research and consultancy**

File Description	Documents
Paste link to Organogram on the institution webpage	https://vignaniit.edu.in/naac/criteria6/6.2.2%20Attachments/6.2.2.a.Organisational%20structure.pdf
Upload any additional information	View File
Paste link for additional Information	https://vignaniit.edu.in/policies%20and%20perspective.php

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues

for their career development/ progression

Performance appraisal system

Teaching: Members who complete one year of service are assessed on their performance in academics, research and administration. Faculty members with outstanding performance in academics and research are recognized with high incentive and also awarded with the Pratibha and the Sastra Awards. Promotions are offered through committee recommendations.

Non-Teaching: Promotions and increments granted based on assessment through various speciic parameters.

The transparent appraisal system has resulted in improved performance of teaching and non-teaching staff, continuous improvement in attainment of POs, placements and quality research publications.

Welfare measures:

- Wedding Gifts
- Festival Gifts
- Employer contribution to ESI
- Group Health Insurance
- Employer contribution to PF
- Vishista Seva Award for staff who complete more than 10 years of service
- Tuition Fee concessions for the wards of the staff members
- Free transport for non-teaching staff and subsidized transport for teaching staff is provided
- Subsidized lunch and refreshments are provided for teaching and non-teaching staff
- Free tea/coffee and snacks are provided to all the staff members.
- Paid Maternity Leave, Paternity Leave, Marriage Leave, Study Leave, Medical Leave and special leaves are provided for all the eligible staff members
- Earned Leaves (ELs) are provided for all the eligible staff members

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vignaniit.edu.in/staff_welfare.php

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

276

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

285

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

A financial audit mechanism drives the internal (quarterly) and external (semi-annually) financial audits by our finance department adhering to accounting standards. The audits are supervised by a certified Chartered Accountant.

External Audit:

The ICAI certified audit firm M/s Punnaiah & Co., Chartered Accountants, Guntur, is the external agency which audits the financial statements and prepares the annual financial reports, who certified the final accounts of the institution that form the balance sheet.

The audited financial statements are displayed on the Institution website and the same is also submitted to the regulatory authorities, namely, All India Council for Technical Education (AICTE) and University Grants Commission (UGC) regularly.

Internal Audit:

The transactions and all accounts books are prepared are audited quarterly.

- Minor corrections in book keeping are settled during the audit process
- Settlement of advances are resolved before the subsequent internal audit
- Any concessions and write-offs are sought approval

Best Practices:

- All the transactions are transparent and in digital mode, with no diversion of funds, with TDS deducted as per norms

- **Powers of disbursement are made transparent.**
- **Infrastructure augmentation with surplus in annual funds is decided by the management.**
- **No deviations observed**
- **No breaches from the regulatory norms are observed.**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	[https://vignaniit.edu.in/naac/criteria6/6.4.1/6.4.1.b.Annual%20Financial%20Report%202020-21.pdf]()

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

6.26

File Description	Documents
Annual statements of accounts	[View File]()
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	[View File]()
Any additional information	[View File]()

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Strategy for Mobilization of Funds:

Tuition fee is the main source for mobilization of funds. Funds from other sources like consultancy, funded projects are utilized 100%.

Annual expenditure budgeted at the beginning of every year and recurring and non-recurring expenses are kept within budget. The purchase committee ensures the optimum utilization of the allocated budget.

The Finance Committee prepare the annual budget and seek consent of the GB. They also prepare income expenditure statements, expenditure towards business expansions, and expensive purchases.

- **45-50% contributed to salaries**

- 10% contributed to R&D
- 20% contributed towards recurring
- 20% contributed for augmentation

Strategies for optimal utilization of resources:

The infrastructure is let out for use by external parties for sports and other events. Staff are trained in house for better utilization of calibre, instead of relying on external agencies. Measures are taken for power and water to be optimally used.

- Institutional ERP developed in-house
- Preventive maintenance in-house and AMCs avoided costly break downs
- E-content developed in-house and shared with others
- Promotional activities inside the campus for better publicity
- Advance purchases to avoid higher cost in future

Impact

- Contributed to the society in kind
- Built healthy relations with the external parties
- Well-maintained campus

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://vignaniit.edu.in/naac/criteria6/6.4.1/6.4.1.b.Annual%20Financial%20Report%202020-21.pdf

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC has steered the best practices, that enabled overall quality enhancement, that include globally accepted practices in curricula development, teaching learning process, research and innovation, infrastructure development, student development and overall governance. These initiatives were recommended to the management as an outcome of the satisfaction survey conducted regularly.

The following are the major initiatives:

- **Curricula: 80% of the courses to be delivered through project and activity based, and focus on value-add courses, based on the feedback collected from stakeholders.**
- **Teaching Learning Process: 100% faculty to make use of ICT and different teaching methodologies.**
- **Research and Innovation: H-Index and citations of the institute to be increased to 17 and 1000 respectively. Recommended for more than 20 innovative projects addressing social needs. Published 512 articles in peer reviewed journals taking care of plagiarism.**
- **Infrastructure and Student Development: Maintained a green campus with optimum utilization of natural resources, development of academic facilities for better learning and development of sports facilities to improve the psychological balance of students.**

Overall Governance: Automation of Governance system. Introduced 22 welfare schemes for students and staff, and recognition of the Institute by authorized agencies in quality and environment. Incentivized faculty and students for advanced research outputs.

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.vignaniit.edu.in/iqac.php

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC reviews the processes and procedures on a regular basis and made needful recommendations, as need be, for the improvement of the operations and learning outcomes. IQAC reviewed and ensured that the Academic Calendar is prepared well in advance and displayed and circulated in the Institute, that informed all activities round the year.

Through the bridge course, students were made aware of the teaching-learning process, the system of continuous evaluation, student activities, discipline and values of the Institute.

The IQAC team made random visits to ensure smooth functioning of classes. Class Representative meetings were regularly conducted to take feedback and appropriate steps were taken to enhance the teaching-learning process. Feedback is well analyzed and shared with faculty and management.

The major initiatives taken over the last five years include:

- Practice of student research publications
- Curriculum Development Workshops and quality publications by faculty
- Application for NIRF, ISO and NBA Certifications
- Mentor-Mentee distribution
- Monitoring of class delivery
- Attendance Monitoring and Improvement of students
- Syllabus coverage within stipulated time
- Special classes for slow and advanced learners
- Industrial Visits & Guest Lectures
- Automation of Admission Processes - Provision for online fee payment
- Automation of Examination Cell activities
- Environmental conscious initiatives on campus

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.vignaniit.edu.in/iqac.php

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.vignaniit.edu.in/academicFeedback.php#submenu2
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institute has taken needful measures for the promotion of gender equity by mandating courses in the curriculum. As part of the curriculum, the Institute has also organized co-curricular and extra-curricular activities for the same. The annual gender sensitization action plan includes courses in the syllabus, guest lectures and workshops by internal and external resources. Women are empowered and showcase their leadership abilities and participate in decision making.

Following are the initiatives taken to promote gender equity:

- **Girls and boys are given equal opportunity to participate in the events**
- **Project teams are a blend of boys and girls**
- **Awareness on "Disha" App**
- **Guest lectures and workshops on self-defense and health**

Facilities for women on campus:

- **Safety and Security – The entire campus is under CCTV surveillance, with women security and also female PD for training girl students.**
- **Counselling - Students are counselled by their mentors to overcome any imbalances, especially that arise in the transition of teenage to adolescence.**
- **Common rooms- For students to comfortably rest, when unwell.**
- **Day care centre – Facilitates faculty to baby-sit the kids at**

work.

Impact:

- No untoward events on campus
- 31.5 % students and 26% of staff are ladies

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vignaniit.edu.in/criteria7.php#

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy   Biogas plant Wheeling to the Grid   Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The Institute is a green campus that follows standard practice of 3 R's (Reduce, Reuse, and Recycle) and produces around 75-100 kgs of solid waste per day, which consist of organic waste and e-waste (recyclable andnon-recyclable waste), and hazardous wastes etc.. The institute adopts systematic and scientific waste management process.

Solid Waste: Large dustbins (Green for degradable and Red for non-degradable)are kept all over the campus for collection and disposal of waste. The decomposed wastefrom the large dump pits is used as manure for the plants on campus. The use of plastic items are prohibited on the campus. Incinerators are available for safe and hygienic disposal of used items. Kitchen waste is used in biogas plant.

Liquid Waste: The liquid waste gathers in collection drains and is used for watering plants.

Biomedical Waste:The biomedical waste in health centre is disposed safely.

e-waste: The electronics and electrical waste collected and disposed of by transferring them to the E-waste management company.

Hazardous chemicals waste: It iscollected and disposed of by transferring them to the E-waste management company (Green Waves).

Waste recycling system: Biogas

Outcome/Impact: With the above-mentioned eco-friendly practices VIIT is accredited as a GREEN INSTITUTE.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**

4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

A. Any 4 or all of the above

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions/awards**
5. **Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-

A. Any 4 or all of the above

reading software, mechanized equipment, etc.
Provision for enquiry and information:
Human assistance, reader, scribe, soft copies of
reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

Efforts of the institution to promote tolerance and harmony:

- **Students and faculty join the Institute purely on merit, and are treated equally without any discrimination on gender, caste, or religion.**
- **Humanities and Social Sciences courses are incorporated into curriculum, that develop a sense of inclusivity amongst students.**
- **The Institution has ramp access for the benefit of differently abled students and faculty.**
- **Communal harmony is promoted through celebration of different religious festivals and National Days.**
- **Extension activities are carried out for students and faculty to understand the socio-economic conditions prevalent in the society.**
- **Institution grants admission as per reservation policy of government.**
- **Students are given an opportunity to participate in multiple events and develop a spirit of friendship and cooperation.**
- **Fundamental rights and duties of Indian citizens are disseminated at various student gatherings.**
- **Institution hosts various co-curricular & extra-curricular events.**
- **Develop social responsibility among the students by engaging them in society centric projects.**
- **Every committee has members chosen irrespective of caste,**

creed and religion.

Impact:

- No communal or religious misunderstandings have cropped up during the year.
- Students actively participate in all religious festivals irrespective of their own religion.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The institution creates awareness among students on fundamental rights and duties through various events and endeavours to shape them into responsible citizens. This generation students are advanced in all aspects and we strongly believe that if handheld properly, they can develop a better nation.

- Preamble of Indian Constitution is displayed at important locations
- A course on Constitution of India is introduced.

Constitutional Values: As citizens of this country, every student and faculty are educated on the values to be showcased as a responsible citizen, at work and off the work.

Fundamental rights: Students and faculty are educated on the rights each one possesses and these rights must be utilized for the betterment of society.

Fundamental duties: Students and faculty are educated on the need to deliver the duties as a responsible citizen, which facilitates to eradicate the sustenance problems in the society, for subsequent generations.

Sensitization activities:

- **Awareness camps on traffic concerns**
- **Celebration of national days**
- **Sessions on freedom struggle**
- **Mock Parliaments**
- **Awareness about general elections**
- **Responsible use of social media**
- **Sensitization among faculty**
- **The plagiarism care to be taken while publishing research publications**
- **Respect for women**

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	[View File](#)
Any other relevant information	[View File](#)

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution organizes the National and International commemorative days, events and festivals to promote a spirit of nationalism and patriotic fervour among students and staff. Eminent personalities like veteran politicians, freedom fighters, retired defence personnel, public servants, and judges are invited as guest speakers to address the faculty and students. Various competitions are conducted for students and faculty.

- Birth anniversaries of eminent freedom fighters, social reformers and great Indian personalities are celebrated to commemorate their selfless-service and sacrifices.
- International Women's Day and International Yoga Day are conducted every year.
- Environment Day is celebrated on 5th June and Earth Day is celebrated on 22nd April to bring awareness among students about climate change and global warming.
- National Science Day and Mathematics Day are commemorated on 28th February, and 22nd December every year respectively with an objective to develop the essence of science & technology.
- Engineering Day is celebrated every year on 15th Sep.
- Institution celebrates all festivals like Pongal, Dussehra, Christmas, and Ramzan, etc. by involving all faculty and students.

Impact:

These celebrations promoted national pride, cultural values, scientific temper, and religious harmony among students.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice-1: FELICITATION OF PARENTS

Parents' felicitation is adopted as a tradition and organized in a grand manner.

Objectives of the Practice: To ensure that the students realize the hard work and sacrifice of parents in the success story of the student.

The Context: Students of this age are usually misled with over confidence, resulting in wrong attitude.

The Practice: Parents of the outgoing students are invited to the campus and are felicitated in a grand scale.

Evidence of Success: Students have excelled in their careers and most of them being first time engineers of the family, uplifted the socio-economic status of the family.

Problems Encountered and Resources Required: SAC and systematically organize 5,000 people.

Best Practice-2: TRANSDISCIPLINARY TRAINING TO CORE ENGINEERING STUDENTS

Objective: To prepare core Engineering Student to Information Technology (IT) Jobs with High-Package.

Context: It is realised that a number of jobs in the production Sector is dwindling year by year. To develop Programming Skills, Coding ability among Civil, Electrical and Mechanical Engineering Students.

Practice: One Course on Programming Skills is introduced every semester and also given special training on coding.

Evidence of Success: 50-60% Students in IT industry

Problem: Mid set of Students towards core jobs

File Description	Documents
Best practices in the Institutional website	https://vignaniit.edu.in/naac/criteria7/7.2.1/7.2.1%20Best%20Practices%20-1.pdf
Any other relevant information	https://vignaniit.edu.in/naac/criteria7/7.2.1/7.2.1%20Best%20practice%202.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

ACCESSIBLE, AFFORDABLE AND QUALITY HIGHER EDUCATION TO THE WEAKER SECTION STUDENTS AND DEVELOP THEM INTO WORLD CLASS PROFESSIONALS

Context:

During bridge course, it is observed that students from weaker sections are physically and mentally strong and also possess good ethical values but they are timid and docile as their confidence levels are low due to lack of command on globally accepted communication skills.

Measures taken to make them globally competent:

- Development of Communication and Confidence
  - A special training program focusing on verbal and non-verbal communication skills, through playlets, elocutions, newspaper reading etc.
- Mean and Merit Scholarships
  - The Institute provides Mean and Merit Scholarships to these students
- Counselling and Mentoring
  - Effective Counselling mechanism in place to counsel and mentor whenever the students suffer from emotional imbalances, which is common because of socio-economic status.
- Holistic Development
  - Student Activity Council organises various co-curricular and extra-curricular events
- Semester long Industry based Internship
  - A Semester long Internship helps the students to expose themselves to real time Industry Environment and also to boost the confidence levels.

Outcomes

- **90% students are placed in top MNCs, with an average salary package of Rupees Six Lakhs per annum.**

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Our Institution designed the curriculum by taking the discussions and deliberations in the Curriculum Design and Monitoring Committee (CDMC), Board of Studies (BoS) and sent to Academic Council and Governing body for final approval. The institute reviewed eight programs by collecting and analysing the feedback from stakeholders. The total of 409 new courses have been introduced during the academic year 2020-21.

PSOs are delineated to meet outcome-based education. The curriculum designed is ensured to be relevant to local, national, regional and global developmental needs by satisfying the POs and PSOs of the graduates.

We have a well-designed Academic Calendar which facilitates students' holistic development and industry readiness to achieve the course outcomes and developmental needs of the students.

Relevance to Local, National, Regional, and Global needs:

Every course outcome in the syllabus has designed to leave a practical experience. The emerging skill development courses introduced in the curriculum facilitate the student to develop interpersonal skills and professional skills that help them to adapt to the global environment. Societal problems are addressed through mini projects and extension activities, relevant to local and regional needs.

Impact:

- The institution fulfilled the requirements of society and industry through societal projects and skill development courses.
- The quality of placements has increased due to the emerging skill development courses.

File Description	Documents
Upload additional information, if any	[View File](#)
Link for additional information	http://www.vignaniit.edu.in/criteria1.php

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

8

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	[View File](#)
Details of syllabus revision during the year	[View File](#)
Any additional information	[View File](#)

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

804

File Description	Documents
Curriculum / Syllabus of such courses	[View File](#)
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	[View File](#)
MoUs with relevant organizations for these courses, if any	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

409

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

18

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	View File
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Gender Sensitivity:

Promoting gender equality has been a top priority at our institution, right from its establishment. We strive to cultivate a culture where students are encouraged to respect and value individuals of all genders. Our institute offers add-on courses on "Gender Sensitization" to enhance understanding and awareness of gender issues.

Outcome:

The institution safeguards the self-esteem of female students while encouraging them to undertake projects aimed at promoting women's safety, such as developing algorithms like KNN and creating the AMPHITBOT.

Environment and sustainability:

Mandatory courses such as environmental science, engineering, impact assessment, Solid and Hazardous Waste Management, Energy

storage systems etc., are introduced in the curriculum to promote environmental consciousness and sustainability. In addition to that the Add-on courses are introduced to uphold environmental sustainability.

Outcome:

- Minimized the power consumption and controlled the water wastage in the campus.
- Maintaining the greenery through regular plantation in the campus.

Human values and ethics:

A course on "Professional Ethics and Human Values" is offered for UG/PG students.

Add-On courses are offered such as Research Ethics, Moralities of everyday life etc.

Impact:

The students' behavour and concerns about personal and community morals and ethics have changed for the better and positive.

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

46

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	View File

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

4224

File Description	Documents
List of students enrolled	View File
Any additional information	View File

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

4787

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	View File

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	**A. All 4 of the above**

File Description	Documents
Provide the URL for stakeholders' feedback report	http://feedback.vignaniit.edu.in/
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following	A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://vignaniit.edu.in/feedback/index.php
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

1563

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

480

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

Students who consistently score at least 7 CGPA as an aggregate in all the courses are categorized as advanced learners, while those who score below 7 CGPA are categorized as slow learners. In case of first year students, if he/she scores more than 60% marks in the first internal examination is considered as advanced

learner

Special programme for Advanced Learners:

? Self-learning through NPTEL, and Coursera

? Hackathons, Competitive Coding, and design contests

? Real- time industry projects

? Special classes for GATE

? Special training to place in product based companies

Outcome:

? 95% of advanced learners are placed with average package of INR 5.2 LPA

? All students undergone semester long internship in MNCs and government organizations

? 15 students selected in renowned universities such as Cornell University for higher education

? 38 Students are placed with more than INR 10 LPA

Special programme for Slow Learners:

Continuous counseling of students to understand their challenges and overcome any psychological imbalances or family issues

? Remedial Classes

? Backlog classes for supplementary examination.

? Peer mentoring with the support of advanced learners.

? Facilitation of career-based training programmes.

Outcome:

? Most of students complete their courses within the stipulated time

? 50% are placed with average package of INR 3.5 LPA

? 10 students opted higher education

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/student_diversity _policy.php

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
31/12/2021	**4924**	**292**

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Whole teaching-learning process is made Student Centric by adopting creative Teaching Methodologies such as

Experiential learning:

? Semester long Internship was introduced and more than 600 students were benefitted.

? Many courses were integrated with labs.

? Hands-on training was imparted by establishing 5 Skill Development Labs and 130 Minor Projects have been developed by utilizing those lab facilities.

? To gain practical knowledge and application, 39 Value Added Courses were introduced.

Participative learning:

? Innovative teaching methods like Flipped classroom, Think Pair share, Jigsaw learningwere implemented. 550 topics were covered

by applying these practices in the academic year 2020-21.

? Encouraged to present and publish research articles in conferences as well as reputed journals.

? Three Credits were provided for online courses to impart self-learning.

Problem solving methodologies:

? Students were given real time problems and asked to apply critical thinking to devise solutions. As a result, 50 trans-disciplinary and societal projects were completed.

? 15 Special coding competitions were conducted.

Impact:

? More than 600 students completed semester long internship.

? 12 feasible solutions such as Smart Tricycle, Low cost Dish Washer, E-Cycle weredeveloped.

? Team of 5 students won 1st Prize worth Rs. 60000/-at VSSUT-Inno Buzz Hackathon.

? 15 students were selected for internship and placement in the company.

? 130 projects have been developed to address societal issues.

File Description	Documents
Upload any additional information	View File
Link for additional Information	https://vignaniit.edu.in/naac/criteria2/2.3.1%20Attachments/2.3.1.%20A%20Experiential%20learning.pdf

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

Utilization of ICT tools and e-learning material are the part of teaching-learning process. Hence all the faculty members were trained in usage of ICT tools to develop e-content. All the

classrooms are equipped with ICT tools and some of them are with Smart boards.

- 10 Lecture recording studios are developed in the institute and more than 3500 video lectures are developed by the faculty.
- With the help of e-content and video lectures developed classroom teaching become very effective and learning ability of students has been enhanced.
- During COVID-19, the e-content utilized to teach effectively through online.
- All the e-content and video lectures are made available to all the students and faculty through the online portal. Online courses are integrated with curriculum.
- Faculty was engaged to conduct virtual experiments in the laboratories such as V-Labs.

Facilities Created:

- All classrooms are made ICT enabled.
- 10-Lecture recording studios are developed
- Smart boards arranged in some classrooms.
- All the e-content is made available online through the portal.

Impact:

1. Online classes conducted effectively during COVID-19.
2. E-learning material effectively used by slow learners.
3. Academic performance remained excellent throughout the COVID-19 period.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://vignaniit.edu.in/ict_facility.php
Upload any additional information	View File

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

271

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	View File
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Academic Planning and Monitoring Committee (AP&MC) prepares the academic calendar and academic planner. Academic Calendar and Semester-wise Academic Planner are prepared well in advance and circulated among all the stakeholders. It consists of lecture plans, internal and external examinations schedule, extra and co-curriculum events, and holidays.

? Courses are allocated to the faculty at least one month in advance. So that, they can prepare lecture plans and course files.

? Lecture plans are distributed to the students, displayed in classrooms, and institution website.

? The quality of teaching is monitored directly by the principal through attending to the class and interacting with students frequently.

? Class Review Committee (CRC) meets once in every fifteenth day of the month to review the effectiveness of the classes, lecture plans and other activities. If any deviation is noticed, the Head of the Department rectifies it.

Impact:

? More than 90% of the faculty obtained90% and above feedback from student regarding effectiveness in delivering lecture.

? 90% of students participated in extra, co-curricular activities as per schedule.

? Conduction of examinations and declaration of results followed the schedule mentioned in the Academic Calendar.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	[View File](#)

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

292

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	[View File](#)
List of the faculty members authenticated by the Head of HEI	[View File](#)
Any additional information	[View File](#)

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

90

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	[View File](#)
Any additional information	[View File](#)

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

2006

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	[View File](#)
Any additional information	[View File](#)

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

9.52

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	View File

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

39

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	View File

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The entire examination system of VIIT(A) is integrated with IT. Both internal and external assessment process is carried with well-defined SBEMS (Smart Brainy Examination Management System) software. Institute has successfully conducted online mid examinations, despite the Covid-19 pandemic, for 4000 students in 400 courses, and declared the results.

? More emphasis is established on continuous evaluation for both theory and lab courses.

? Time to time internal examinations are conducted in adherence to academic calendar.

? Notifications were published on our website and notice board.

? Evaluation process is integrated with software and made open to every student.

? Three sets of question papers are being prepared by faculty from IITs, NITs and reputed Universities following Blooms taxonomy.

? Question papers are moderated just a few hours before the commencement of examination in a very confidential way.

? Examinations were conducted under CCTV surveillance.

? The scheme of evaluation is prepared and available to students.

? Entire examination process is periodically audited.

Outcomes:

? Continuous evaluation improved the performance of the students.

? Students' skills were improved by concentrating on the Blooms Taxonomy level.

? Results are declared within 10 days from the date of final examination.

? The entire procedure has been open and transparent to students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	[https://vignaniit.edu.in/naac/criteria2/2.5.3%20Attachments/2.5.3%20Examination%20procedures%20and%20processes-AY%202020-21.pdf](#)

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Course Outcomes for all courses offered by the Programs in the institution are well defined at the time of development of the curriculum. POs and COs are Stated and displayed on the website and communicated to teachers and students. Feedback from all

stakeholders that include, management, faculty, students, parents, and alumni is considered for defining the Cos. Enough care is taken while designing the curriculum and courses in order to achieve the POs.

The drafted COs are discussed in both Board of Studies and Academic Council meetings. The POs and the finalized COs are published, disseminated, and displayed at various locations in the campus, to create the awareness among the stake holders.

Published in

- Institute Website
- Syllabus Books
- Lab Manuals

Disseminated through

- Faculty Development Programs
- Student orientation Program

Displayed in

- Classrooms and notice boards
- Parent Teacher Meetings
- Laboratories

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	View File
Link for additional Information	https://vignaniit.edu.in/naac/criteria2/2.6.1%20Attachments/2.6.1%20POs-PEOs-PSOs.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

The Programme Outcomes (POs) and Course Outcomes (COs) were evaluated after every activity, to check the attainment level. The attainment levels were evaluated through direct and indirect assessments. The direct assessment of COs is carried by conducting the internal examinations, giving assignments, quiz

and final examinations. The indirect assessment of COs is obtained by conducting course end surveys that incorporate student perspectives on teaching and learning.

The direct assessment of POs and PSOs is obtained by observing the overall achievement of the intended courses outcome and the indirect assessment is measured by collecting feedback from all the stack holders, i.e. students, alumni, faculty, employers and parents.

Tools used

Target Marks (%)

Attainment levels

Weightage

Internal Exams

60% of Maximum Marks

60% to 69% = 1

70% to 79% = 2

?80% =3

Direct assessment (80%)

End semester exam

50% of Maximum Marks

Indirect assessment (20%)

Example:PO-PSO attainment values of 2017 admitted B. Tech-CSE andEEE areas follows.

PO1 PO2 PO3 PO4 PO5 PO6 PO7 PO8 PO9 PO10 PO11 PO12 PSO1 PSO2 PSO3

```
EEE 2.52 2.43 2.39 2.35 2.34 2.12 2.19 2.17 2.14 2.12 2.11 2.18
2.13 2.34 2.32 CSE 2.64 2.59 2.43 2.44 2.48 2.21 2.29 2.30 2.23
2.30 2.40 2.37 2.46 2.47


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File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://vignaniit.edu.in/naac/criteria2/2.6.2%20Attachments/2.6.2%20Attainment%20of%20POs%20and%20COs.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

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1155
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File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	View File
Paste link for the annual report	https://vignaniit.edu.in/naac/criteria2/2.6.3%20Attachments/2.6.3%20C%20Examinations-%20Annual%20Report%202020-21.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

https://vignaniit.edu.in/naac/criteria2/2.7.1%20Attachments/2.7.1%20SSS%20-%20AY%202020-21.PDF

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

We firmly believe that the primary objective of engineering education is to foster the generation of new knowledge and innovative thoughts and ideas. Our institution has a well-defined research policy in place. This policy is developed by the Research Committee, guided by the Research Committee Members, and approved by the Governing Body. The Dean's R&D consistently updates the research facilities of the Institute.

Salient features of the Research Policy include:

- Establishment of a dedicated team of researchers with minimal teaching responsibilities.
- Provision of funding to support teachers' participation in workshops and conferences.
- Reimbursement of 10% of the project cost as an incentive for successfully completed projects.
- Encouragement for teachers and students to publish their papers in high Impact Factor journals.

Research Facilities:

- AICTE-IDEA lab
- The Advanced VLSI Laboratory is funded by AICTE through the MODROB program.
- Projects sponsored by Software Technology Park of India (STPI), Ministry of Electronics and Information Technology (MeitY).
- Laboratories sponsored by DST-SERB.
- Dedicated servers.
- Plagiarism detection software.
- High-speed broadband internet.
- Research Center recognized by JNTUK.

Impacts:

- Received 13 projects from government and non-government organizations.
- Conducted 18 extension activities and adopted one neighboring village.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://www.vignaniit.edu.in/research/Research%20Policy-2020.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

27.4

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

13

File Description	Documents
e-copies of the award letters of the teachers	View File
List of teachers and details of their international fellowship(s)	View File
Any additional information	View File

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

60.34

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	View File

3.2.2 - Number of teachers having research projects during the year

14

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://www.vignaniit.edu.in/naac/criteria 3/3.2.4/3.2.4%20funding%20agency%20links.p df
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

17

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

6

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.vignaniit.edu.in/naac/criteria3/3.2.4/3.2.4%20funding%20agency%20links.pdf
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

The Institute, in collaboration with the Institute Innovation Council, approved by the Ministry of Human Resource Development (MHRD), has developed an ecosystem that fosters the consistent generation of ideas and facilitates their transformation into tangible products. This ecosystem effectively addresses societal concerns and introduces new initiatives to sustain these ideas. It achieves this by incorporating domain-specific ideas from various sources, including:

1. Highly qualified and experienced research faculty.

2. Emotionally balanced students with strong technical expertise.

3. Well-equipped research facilities.

4. A dedicated research and development (R&D) team.

5. Support from funding agencies and bankers.

6. Transfer of technical and domain knowledge from industry experts, facilitated by practical exposure through internships.

7. Skill development centers that enhance the capabilities of both students and faculty.

8. Contributions from alumni and placement partners, who provide valuable insights into market dynamics and forecasts.

9. An Engineering Exploration lab that stimulates students to

design innovative models.

Impact:

The implementation of this ecosystem has yielded significant results, including:

1. Establishment of the IDEA Lab, funded by the All India Council for Technical Education (AICTE).

2. Organization of 41 innovative activities.

3. Publication of 17 patents.

4. Granting of 9 patents.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/iic.php

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

40

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	View File

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software	A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	[View File](#)
Any additional information	[View File](#)

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

21

File Description	Documents
URL to the research page on HEI website	https://www.vignaniit.edu.in/research/2020-21%20SCHOLARS.pdf
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	[View File](#)
Any additional information	[View File](#)

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

302

File Description	Documents
List of research papers by title, author, department, and year of publication	[View File](#)
Any additional information	[View File](#)

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

392

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://www.vignaniit.edu.in/naac/criteria3/3.4.4/3.4.4%20final%20book%20chapter.pdf

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

1442

File Description	Documents
Any additional information	[View File]()
Bibliometrics of the publications during the year	[View File]()

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

19

File Description	Documents
Bibiliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	[View File]()
Any additional information	[View File]()

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

24.52

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

73.78

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	View File
List of facilities and staff available for undertaking consultancy	View File
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

The Institute's vision is to foster the development of socially responsible students and faculty members who can meet the present and future needs of industries for the nation's progress. The primary objective of these outreach activities is to disseminate knowledge and raise awareness about social issues among local students in the neighbouring socioeconomic regions. This, in turn, promotes the comprehensive growth of our students. Through organized teamwork, students actively participate in creating and implementing programs.

The main aim is to enhance knowledge among the residents of the

adopted community neighbouring our institute in the areas of plantation, hygienic livelihoods, and sanitation. The following initiatives have been undertaken:

1. Empowering students with effective communication skills.

2. Promoting environmental consciousness.

3. Educating students on first-aid techniques.

4. Encouraging health awareness, particularly regarding anaemia.

5. Promoting awareness about generic medicines.

6. Providing education to school children on goal setting and cultivating a positive attitude.

7. Creating awareness about the Covid-19 disease and its contagious effects.

Impact:

1. Improved awareness of public health.

2. Adoption of self-hygiene practices and consumption of nutritious food.

3. Identification of potential career goals.

4. Encouragement to choose non-branded medicines when purchasing.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/nssunit.php

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

6

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	View File

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

18

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

1563

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

127

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

9

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The Institute spread over 16.64 acres of land, is in a serene and lush green environment very congenial for learning. Surrounded by many premier industries such as Vizag Steel Plant, BDL, VSEZ, etc., the institution relishes the advantage of institute industry interactions.

1. The Institute is recognized as GREEN CAMPUS
2. Instructional Area: 33259 Sq.m Completely ICT enabled.

Facility

Numbers

Classrooms

93

Research Laboratories

04

Seminar Halls

10

Library

10

Auditorium

5300 Sq. m

Hostels

1000 capacity

1. **Administrativearea: 3200 Sq.m area is being utilized for various administrative purposes, Examination section, and various cells.**
2. **Amenities Area: 9300 Sq.m is available to cater games, yoga, common rooms, health center, cafeterias, washrooms, etc.**
3. **Computation Facilities: 1521 computers, 375 CC-Cameras, 1100MBPS bandwidth internet with required Wi-Fi Routers.**
4. **Power Backup: Generator-520 KVA, UPS-325 KVA, and Solar Power -250 KW**
5. **Circulation and other Areas:All the buildings of the institute extend of 9932 Sq.m with excellent ventilation and free space for students and staff mobility.**
6. **Library Facilities:Central Library, 10 Dept. Libraries and a Digital Library. In total 54815 Volumes and 11335 Titles and e-journals are available.**

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional information	https://youtu.be/sq8ISpdiaLc

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

The institution endeavours to produce skilled, knowledgeable, dynamic, and well-balanced professionals who are capable of leading organizations and are keen on serving society. Hence, adequate care is taken to develop students in all dimensions, such as intellectual, physical, social, and psychological aspects.

The Student Activity Council (SAC) is in place to take care of all the extracurricular activities. SAC organizes Sports, Cultural, Green clubs etc.

Indoor and Outdoor games & sports facilities, a well-equipped gym, and a yoga center are spread over the area of 38208.93 Sq.m. Separate places for cultural activities, literature, and public speaking are also created.

The Physical Education Cell is supported by 4Physical Directorsto train the students in physical activities.

Every year, it is our practice to organize National Level Cultural Fest (YUVATARANG) to promote behavioural and attitudinal transformation of the students.

Outcomes

1. The institution produces graduates with emotionally balanced, physically and psychologically strong and imbued with social consciousness.
2. University championship in sports and games in the last three years continuously.
3. 90% success rate both in academics and placements.
4. Medals received at the national level: 4 Gold, 4 Silver, and 4 Bronze.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/physicalEducation.php

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

103

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR

in Lakhs)

458.83

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The institution has central library with an area of 1436 Sq.m housing11335 titles and 54815 volumes and it has a digital zone with 30 systems. All the departments have their own libraries. They are managed by automated, multi-user; integrated library management software called EZlib, which was developed in-house by students and faculty.

1. The Institute is a member of the National Digital Library (NDL)
2. The library has subscription of 6762 e-journals from DELNET, INFLIBNET-N-List, IEEE, ASCE, ASME, Elsevier and 6226 e-books. Faculty and students can download and use them for their research and academics.
3. Research Publications, Journals, E-material, educational videos, etc., are downloadable.
4. Provided In-house access to all type of resources such as the NPTEL Video repository, Research Journals, Books, Course Files, etc.
5. Students can access all library resources and download digital content.

Impact

1. Automation of library services has increased the efficiency of content search and location functions.
2. Research publications have been increased to 307 per year.
3. Campus- wide availability of e-resources through Wi-Fi improved the academic and research culture.
4. By utilizing the resources in the library, students have registered and completed an average of 500 MOOC courses.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://vignaniit.edu.in/centralLibrary.php

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources	A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	View File

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

12.07

File Description	Documents
Audited statements of accounts	View File
Any additional information	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

419

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	View File

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institute functions have been automated and maintained with an In-House developed LMS. An effective IT policy is created to maintain a secured, legal, and appropriate use of IT infrastructure for the flow of information, maintenance of confidentiality, integrity, and accessible to all the stakeholders.

Salient features

1. IT infrastructure and services are made available 24x7.

1. Regular maintenance and up-gradation of systems is carried.
2. Adequate budget allocation to meet the current and future needs.

Policy Implementation

1. 1500 network connections through LAN and Wi-Fi access.
2. 1521computer systems are installed in Laboratories, Research Centres, Digital Library and Classrooms
3. 1100 MBPS Bandwidth Internet is available with adequate backup.
4. Installed an authoritative Cisco Meraki Firewall.
5. The dedicated LAN facility allotted to the examination section.
6. Strengthening the Learning Management System to enable the Remote Access Learning, Digital Content Management, e-content expansion, Data Storage Management, and Cloud Storage.

Maintenance of ICT Facilities:

The in-charge, System Cell and supporting staff are responsible to maintain the ICT facility of the entire campus.

The institution had an MOU with Green Waves Environmental Solutions to recycle the e-waste through a 'buy back' policy.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://assessmentonline.naac.gov.in/public/index.php/admin/get_file?file_path=eyJpdiI6Ilpwc2tDU1NvaU40ZHJOU3hKRDg3bnc9PSIsInZhbHVlIjoiR0ZoZERwZGVOaUNvVjdzSHh5eFZaZDRnUVZZoQXE1bnljYkR3S3M5M0l2RXFpUGxJR3ptMjNqcy8rdHFVzJaSSIsIm1hYyI6ImU1ZTRjYjE3ZWU4MzlmOWE0NWNjjOWU3ODgyODY2ZDAyZTJmNDkzZmU5NTY4Mjg5NGRmOTZmZWNkZGM1YzlhMjEiLCJ0YWciOiIifQ==

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
4924	1521

File Description	Documents
Upload any additional information	[View File](#)

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus	A. ?50 Mbps

File Description	Documents
Details of bandwidth available in the Institution	[View File](#)
Upload any additional information	[View File](#)

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture Capturing System (LCS) Mixing equipments and software for editing	A. All four of the above

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vignaniit.edu.in/naac/criteria4/4.3.4/e-Vignanam%20_%20Highly%20Effective%20Online%20Teaching%20Practices%20at%20VIIT%20in%20Pandemic%20Times.mp4
List of facilities for e-content development (Data Template)	[View File](#)

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

848.57

File Description	Documents
Audited statements of accounts	[View File](#)
Upload any additional information	[View File](#)

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institution has an established system to monitor the utilization and maintenance of computers, classrooms, equipment, laboratories, etc. The Institution's Engineering Section and Hardware section maintain the physical and academic facilities. They report to Dean Infrastructure.

A well-developed feedback mechanism is in place to report.

A well-defined procedure is adopted to maintain the library and its belongings.

The In-charge System Celland hardware team are responsible for maintaining the ICT facility of the entire campus.

Lab In-chargeswith the support of Lab Technicians take care of the equipment and instrument maintenance. Heavy repairs are outsourced.

An Annual Maintenance Contract(AMC) is in place to maintain high-end equipment and high-end servers, lifts, ACs.

Advanced Research Labs accommodating sophisticated equipment and maintained by a faculty in-charge.

The sports equipment, fitness equipment, and various playgrounds on the campus are supervised and maintained by the faculty of the Physical Education Department.

Outcomes

1. Clean and green environment for learning.
2. Free flow of information from end users to the Dean Administration.
3. 90 % of resources are always in use.
4. Preventing the degradation of the equipment and vehicles.
5. Saving the financial resources.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	http://complaint.vignaniit.com/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

2513

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	[View File](#)
Upload any additional information	[View File](#)

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

987

File Description	Documents
Upload any additional information	View File
Institutional data in prescribed format	View File

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://vignaniit.edu.in/skillDevLab.php
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

4231

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances

A. All of the above

through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	View File
Upload any additional information	View File

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

1045

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

25

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	View File

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

56

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

12

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The Students Activity Council (SAC) in our Institute is a selected representation who are involved in all academic and non-academic aspects. It framed policies and made decisions for the advantage of the students in compliance with the Institute's policies. Students can voice their opinions and raise issues through feedback sessions formally and informally, which are resolved. They cascade information from the administration office and other committees to all students, and assist in planning and organizing various student-oriented activities. SAC meets on a monthly basis and recommends healthy initiatives.

Functions:

- Successful conduct of events including planning, budgeting, sponsorship, inviting guests.
- Active participation in Board of Studies (BoS), Academic Council (AC), Governing Body (GB), and all student committees, such as sports, discipline, mess etc.
- Rendering feedback to management
- Address socio-economic concerns through extension activities
- Monitor discipline on campus
- Facilitated in placements

- **Promoted and developed the Institute's abilities in and around the region.**
- **Framed the policies and planned programs that nurture the aptitude of the student community for holistic development.**
- **Raised funds internally and externally, whenever there is need to fulfil any social responsibility.**

Out Comes:

- **Gained leadership qualities, confidence, team spirit.**
- **Development of responsibility and participative learning.**
- **Developed communication skills.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vignaniit.edu.in/sac.php

5.3.3 - Number of sports and cultural events / competitions organised by the institution

14

File Description	Documents
Report of the event	[View File](#)
List of sports and cultural events / competitions organised per year	[View File](#)
Upload any additional information	[View File](#)

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Institute's Alumni Association is registered vide number 150/2008, and is functional connecting alumni and current students.

Contribution:

- **Shared feedback on the improvement of curricula, processes**

and procedures.

- **Recommended the need of advanced technologies for the quality delivery of classes.**
- **Facilitated in designing real time problems, developed as mini projects by students, who developed objective and analytical thinking process.**
- **Facilitated for paid internships, mentoring for high-end placements**
- **Educated students on the emerging trends of the industry.**
- **Interacted with the students in 100+ guest lectures, online and offline, and mentored them to boost their morale and confidence.**
- **Connected the Institute and their HR, for placements.**
- **Helped the students with contribution of Rupees 3.25 lakhs.**
- **It is highly essential that students while pursuing their degrees perceive the industry experience in relevance to their courses and curriculum. The alumni of our Institute educated our current students about the same, that helped them understand the significance of curriculum, and stay motivated to complete their courses with best grades.**

Out Comes:

- **Established an open gym worth Rupees two lakhs.**
- **Students successfully adapted in their first jobs.**
- **1% of our students have turned out to be successful entrepreneurs.**
- **10% students got placed in high-pay MNCs**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	http://alumni.vignaniit.edu.in/?utm_source=email_template&utm_location=header

5.4.2 - Alumni's financial contribution during the year	D. 2 Lakhs - 5 Lakhs

File Description	Documents
Upload any additional information	[View File](#)

GOVERNANCE, LEADERSHIP AND MANAGEMENT
6.1 - Institutional Vision and Leadership
6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The governance is designed for the upliftment and welfare of students and faculty in tunewith its vision and mission.

To suit the vision of the institution, the following administrative steps are taken:

In Administration

1. Collaborative MoUs with a large number of industries and other institutions.
2. Involvement of Alumni in the Development.
3. Introduction of courses on physical fitness and Yoga.
4. Mandating students and faculty to understand the essence of social concerns

In Academics

1. Recruitment of more faculties having Ph.D degree.
2. Compulsory semester-long internship to all students.
3. Conduction of a large number of Add-on and value-added courses.
4. Imparting programming skills to non CSE students to make them industry ready.
5. Encouraging students for self learning through MOOCS and NPTEL
6. Introduction of courses on gender sensitivity, ethics, constitution, environmental sustainability.

In Research

1. Establishment of one research centre in each department.
2. Increasing the faculty having Ph.D degree to 50%
3. Incentives to both the faculty and students who perform better in research.

Impact

1. Developed the students into multi-faceted professionals and socially responsible citizens.
2. Faculty and students has published more than 500 research

> articles.
> 3. Achieved overall 90% placements and 10% of them are with high package to the extent of Rs.34 lakhs.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.vignaniit.edu.in/governingbody.php

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Effective leadership is evident from the successful services rendered over the past two decades, and accredited to be one of the preferred institutions in the region. We adopted a decentralized methodology of executing the initiatives through well-structured organizational hierarchy, which resulted in tremendous success in academics and non-academics. We have 4 apex bodies and 19 committees, constituted by all stakeholders with inclusivity, who formulate the Institutional practices. These helped in democratic functioning of the institution. Grievances raised are effectively solved through grievance cell. Institutional handbook, is a bible for the Institutional practices.

Participative Management has been a key attribute in all our day-to-day activities, with feedback sought through committees, and brought into action.

The goals are realized within the stipulated time, only by a systematic approach of decentralization and participative management. In all discussions related to the policing and implementation of institutional practices, we gathered collective inputs before implementation.

With an approach of decentralization, all students and faculty gained access to participating in various decision-making sessions, that created a responsibility amongst every individual. We maintained transparency through our participative management and decentralization processes. Consequently, faculty and students respected their own responsibility and moved towards a particular goal, as one team.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://www.vignaniit.edu.in/naac/criteria 6/6.1.2%20Attachements/6.1.2.a.Non-Statuto ry%20Committees%20and%20its%20proceeding%2 0orders.pdf

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

Strategic plan, an output of series of discussions with experts helped achieve greater standards and delivered multi-faceted professionals to the society, which encompasses the growing technology trends, industry gaps and relevant revisions.

Curricula: CDMC revises the curriculum once in 2 years and did for 8 programs this year, with the changing needs of the industry.

Teaching Learning Process: All classes are ICT enabled and real time projects are done by students addressing the societal needs. Faculty underwent FDPs and learnt various teaching methods for an effective teaching learning process.

Research and Faculty Development: Faculty worked on funded projects and published quality papers in reputed journals, who were also incentivised for their performance. They also encouraged student publications to keep themselves upgraded to the advanced trends in the society.

Student Progression: Students were involved at all stages of the Institutional growth, seeking their inputs, and train them to be globally accepted professionals. Special classes were taken for advanced and slow learners, along with continuous mentoring, and increase the number of high-pay students.

Infrastructure Development: Developed a multidisciplinary

innovation environment (IDEA Lab) and continued green
initiatives.

- Increased publications by 25%
- 90% placements with 5% high-end packages

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://www.vignaniit.edu.in/naac/criteria6/6.2.1.Attachments/Strategic%20Plan%20of%20the%20Institute%202017-22.pdf
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

The Institution observed transparency in every aspect, policies
are revised regularly, matching the changing needs of society and
regulatory authorities.

Governing Body (GB):

Provided guidelines in all policies, approved/amended all
decisions related to academic, R&D, administrative,
infrastructure, personnel and financial areas. The GB meets twice
in the year.

Academic Council (AC):

Approved/Amended the curriculum formulated by BoS and checked the
quality of teaching, training, and research and their outcomes.

Finance Committee (FC):

The principal is ex officio chairperson, that consists of one
nominee from sponsoring society, two nominees from GB. It examine
and scrutinize the annual budget of the Institute and seeks
required approvals related to fee structure, allocation and
application of funds. The Deans and HoDs are involved in the
annual budget planning.

Admission Policy - Fair policy considering inclusivity and merit

Recruitment Policy - Effective process to recruit talented personnel

Promotion Policy – Transparent and merit based

Finance Policy – Optimum utilisation of funds

Research Policy – Motivate and reward worthy outputs

Industrial Training Policy – Facilitates in experiential learning

Service Rules – Unbiased and transparent service guidelines for staff

Impact:

- **Smooth functioning of the Institute**
- **Quality placements**
- **Effective teaching learning process**
- **Considerable improvement in research and consultancy**

File Description	Documents
Paste link to Organogram on the institution webpage	https://vignaniit.edu.in/naac/criteria6/6.2.2%20Attachments/6.2.2.a.Organisational%20structure.pdf
Upload any additional information	View File
Paste link for additional Information	https://vignaniit.edu.in/policies%20and%20perspective.php

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination	A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Documen	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

Performance appraisal system

Teaching: Members who complete one year of service are assessed on their performance in academics, research and administration. Faculty members with outstanding performance in academics and research are recognized with high incentive and also awarded with the Pratibha and the Sastra Awards. Promotions are offered through committee recommendations.

Non-Teaching: Promotions and increments granted based on assessment through various speciic parameters.

The transparent appraisal system has resulted in improved performance of teaching and non-teaching staff, continuous improvement in attainment of POs, placements and quality research publications.

Welfare measures:

- Wedding Gifts
- Festival Gifts
- Employer contribution to ESI
- Group Health Insurance
- Employer contribution to PF
- Vishista Seva Award for staff who complete more than 10 years of service
- Tuition Fee concessions for the wards of the staff members
- Free transport for non-teaching staff and subsidized transport for teaching staff is provided
- Subsidized lunch and refreshments are provided for teaching

and non-teaching staff
- **Free tea/coffee and snacks are provided to all the staff members.**
- **Paid Maternity Leave, Paternity Leave, Marriage Leave, Study Leave, Medical Leave and special leaves are provided for all the eligible staff members**
- **Earned Leaves (ELs) are provided for all the eligible staff members**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://vignaniit.edu.in/staff_welfare.php

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

276

File Description	Documents
Upload any additional information	[View File](#)
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	[View File](#)

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	[View File](#)
Upload any additional information	[View File](#)

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation /

Induction Programmes, Refresher Courses, Short-Term Course, etc.)

285

File Description	Documents
Summary of the IQAC report	View File
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

A financial audit mechanism drives the internal (quarterly) and external (semi-annually) financial audits by our finance department adhering to accounting standards. The audits are supervised by a certified Chartered Accountant.

External Audit:

The ICAI certified audit firm M/s Punnaiah & Co., Chartered Accountants, Guntur, is the external agency which audits the financial statements and prepares the annual financial reports, who certified the final accounts of the institution that form the balance sheet.

The audited financial statements are displayed on the Institution website and the same is also submitted to the regulatory authorities, namely, All India Council for Technical Education (AICTE) and University Grants Commission (UGC) regularly.

Internal Audit:

The transactions and all accounts books are prepared are audited quarterly.

- Minor corrections in book keeping are settled during the audit process
- Settlement of advances are resolved before the subsequent internal audit
- Any concessions and write-offs are sought approval

Best Practices:

- **All the transactions are transparent and in digital mode, with no diversion of funds, with TDS deducted as per norms**
- **Powers of disbursement are made transparent.**
- **Infrastructure augmentation with surplus in annual funds is decided by the management.**
- **No deviations observed**
- **No breaches from the regulatory norms are observed.**

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://vignaniit.edu.in/naac/criteria6/6.4.1/6.4.1.b.Annual%20Financial%20Report%202020-21.pdf

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

6.26

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Strategy for Mobilization of Funds:

Tuition fee is the main source for mobilization of funds. Funds from other sources like consultancy, funded projects are utilized 100%.

Annual expenditure budgeted at the beginning of every year and recurring and non-recurring expenses are kept within budget. The purchase committee ensures the optimum utilization of the allocated budget.

The Finance Committee prepare the annual budget and seek consent of the GB. They also prepare income expenditure statements,

expenditure towards business expansions, and expensive purchases.

- 45-50% contributed to salaries
- 10% contributed to R&D
- 20% contributed towards recurring
- 20% contributed for augmentation

Strategies for optimal utilization of resources:

The infrastructure is let out for use by external parties for sports and other events. Staff are trained in house for better utilization of calibre, instead of relying on external agencies. Measures are taken for power and water to be optimally used.

- Institutional ERP developed in-house
- Preventive maintenance in-house and AMCs avoided costly break downs
- E-content developed in-house and shared with others
- Promotional activities inside the campus for better publicity
- Advance purchases to avoid higher cost in future

Impact

- Contributed to the society in kind
- Built healthy relations with the external parties
- Well-maintained campus

File Description	Documents
Upload any additional information	[View File]()
Paste link for additional Information	[https://vignaniit.edu.in/naac/criteria6/6.4.1/6.4.1.b.Annual%20Financial%20Report%202020-21.pdf]()

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

IQAC has steered the best practices, that enabled overall quality enhancement, that include globally accepted practices in

curricula development, teaching learning process, research and innovation, infrastructure development, student development and overall governance. These initiatives were recommended to the management as an outcome of the satisfaction survey conducted regularly.

The following are the major initiatives:

- Curricula: 80% of the courses to be delivered through project and activity based, and focus on value-add courses, based on the feedback collected from stakeholders.
- Teaching Learning Process: 100% faculty to make use of ICT and different teaching methodologies.
- Research and Innovation: H-Index and citations of the institute to be increased to 17 and 1000 respectively. Recommended for more than 20 innovative projects addressing social needs. Published 512 articles in peer reviewed journals taking care of plagiarism.
- Infrastructure and Student Development: Maintained a green campus with optimum utilization of natural resources, development of academic facilities for better learning and development of sports facilities to improve the psychological balance of students.

Overall Governance: Automation of Governance system. Introduced 22 welfare schemes for students and staff, and recognition of the Institute by authorized agencies in quality and environment. Incentivized faculty and students for advanced research outputs.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://www.vignaniit.edu.in/iqac.php

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The IQAC reviews the processes and procedures on a regular basis and made needful recommendations, as need be, for the improvement of the operations and learning outcomes. IQAC reviewed and ensured that the Academic Calendar is prepared well in advance and displayed and circulated in the Institute, that informed all

activities round the year.

Through the bridge course, students were made aware of the teaching-learning process, the system of continuous evaluation, student activities, discipline and values of the Institute.

The IQAC team made random visits to ensure smooth functioning of classes. Class Representative meetings were regularly conducted to take feedback and appropriate steps were taken to enhance the teaching-learning process. Feedback is well analyzed and shared with faculty and management.

The major initiatives taken over the last five years include:

- Practice of student research publications
- Curriculum Development Workshops and quality publications by faculty
- Application for NIRF, ISO and NBA Certifications
- Mentor-Mentee distribution
- Monitoring of class delivery
- Attendance Monitoring and Improvement of students
- Syllabus coverage within stipulated time
- Special classes for slow and advanced learners
- Industrial Visits & Guest Lectures
- Automation of Admission Processes - Provision for online fee payment
- Automation of Examination Cell activities
- Environmental conscious initiatives on campus

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://www.vignaniit.edu.in/iqac.php

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)	A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://www.vignaniit.edu.in/academicFeedback.php#submenu2
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

The Institute has taken needful measures for the promotion of gender equity by mandating courses in the curriculum. As part of the curriculum, the Institute has also organized co-curricular and extra-curricular activities for the same. The annual gender sensitization action plan includes courses in the syllabus, guest lectures and workshops by internal and external resources. Women are empowered and showcase their leadership abilities and participate in decision making.

Following are the initiatives taken to promote gender equity:

- **Girls and boys are given equal opportunity to participate in the events**
- **Project teams are a blend of boys and girls**
- **Awareness on "Disha" App**
- **Guest lectures and workshops on self-defense and health**

Facilities for women on campus:

- **Safety and Security – The entire campus is under CCTV surveillance, with women security and also female PD for training girl students.**
- **Counselling - Students are counselled by their mentors to overcome any imbalances, especially that arise in the transition of teenage to adolescence.**
- **Common rooms- For students to comfortably rest, when unwell.**

- **Day care centre – Facilitates faculty to baby-sit the kids at work.**

Impact:

- **No untoward events on campus**
- **31.5 % students and 26% of staff are ladies**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional Information	https://www.vignaniit.edu.in/criteria7.php#

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment	**A. Any 4 or All of the above**

File Description	Documents
Geotagged Photographs	[View File](#)
Any other relevant information	[View File](#)

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The Institute is a green campus that follows standard practice of 3 R's (Reduce, Reuse, and Recycle) and produces around 75-100 kgs of solid waste per day, which consist of organic waste and e-waste (recyclable andnon-recyclable waste), and hazardous wastes etc.. The institute adopts systematic and scientific waste management process.

Solid Waste: Large dustbins (Green for degradable and Red for non-degradable)are kept all over the campus for collection and disposal of waste. The decomposed wastefrom the large dump pits is used as manure for the plants on campus. The use of plastic items are prohibited on the campus. Incinerators are available for safe and hygienic disposal of used items. Kitchen waste is used in biogas plant.

Liquid Waste: The liquid waste gathers in collection drains and is used for watering plants.

Biomedical Waste:The biomedical waste in health centre is disposed safely.

e-waste: The electronics and electrical waste collected and disposed of by transferring them to the E-waste management company.

Hazardous chemicals waste: It iscollected and disposed of by transferring them to the E-waste management company (Green Waves).

Waste recycling system: Biogas

Outcome/Impact: With the above-mentioned eco-friendly practices VIIT is accredited as a GREEN INSTITUTE.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**
2. **Use of bicycles/ Battery-powered vehicles**
3. **Pedestrian-friendly pathways**
4. **Ban on use of plastic**
5. **Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: 1. **Green audit** 2. **Energy audit** 3. **Environment audit** 4. **Clean and green campus recognitions/awards** 5. **Beyond the campus environmental promotional activities**	A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres	A. Any 4 or all of the above

Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

Efforts of the institution to promote tolerance and harmony:

- **Students and faculty join the Institute purely on merit, and are treated equally without any discrimination on gender, caste, or religion.**
- **Humanities and Social Sciences courses are incorporated into curriculum, that develop a sense of inclusivity amongst students.**
- **The Institution has ramp access for the benefit of differently abled students and faculty.**
- **Communal harmony is promoted through celebration of different religious festivals and National Days.**
- **Extension activities are carried out for students and faculty to understand the socio-economic conditions prevalent in the society.**
- **Institution grants admission as per reservation policy of government.**
- **Students are given an opportunity to participate in multiple events and develop a spirit of friendship and cooperation.**

- **Fundamental rights and duties of Indian citizens are disseminated at various student gatherings.**
- **Institution hosts various co-curricular & extra-curricular events.**
- **Develop social responsibility among the students by engaging them in society centric projects.**
- **Every committee has members chosen irrespective of caste, creed and religion.**

Impact:

- **No communal or religious misunderstandings have cropped up during the year.**
- **Students actively participate in all religious festivals irrespective of their own religion.**

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View File](#)

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

The institution creates awareness among students on fundamental rights and duties through various events and endeavours to shape them into responsible citizens. This generation students are advanced in all aspects and we strongly believe that if handheld properly, they can develop a better nation.

- **Preamble of Indian Constitution is displayed at important locations**
- **A course on Constitution of India is introduced.**

Constitutional Values: As citizens of this country, every student and faculty are educated on the values to be showcased as a responsible citizen, at work and off the work.

Fundamental rights: Students and faculty are educated on the rights each one possesses and these rights must be utilized for the betterment of society.

Fundamental duties: Students and faculty are educated on the need to deliver the duties as a responsible citizen, which facilitates to eradicate the sustenance problems in the society, for subsequent generations.

Sensitization activities:

- Awareness camps on traffic concerns
- Celebration of national days
- Sessions on freedom struggle
- Mock Parliaments
- Awareness about general elections
- Responsible use of social media
- Sensitization among faculty
- The plagiarism care to be taken while publishing research publications
- Respect for women

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	View File

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized	A. All of the above

File Description	Documents
Code of Ethics - policy document	[View File](#)
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	[View File](#)
Any other relevant information	[View File](#)

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

The institution organizes the National and International commemorative days, events and festivals to promote a spirit of nationalism and patriotic fervour among students and staff. Eminent personalities like veteran politicians, freedom fighters, retired defence personnel, public servants, and judges are invited as guest speakers to address the faculty and students. Various competitions are conducted for students and faculty.

- **Birth anniversaries of eminent freedom fighters, social reformers and great Indian personalities are celebrated to commemorate their selfless-service and sacrifices.**
- **International Women's Day and International Yoga Day are conducted every year.**
- **Environment Day is celebrated on 5th June and Earth Day is celebrated on 22nd April to bring awareness among students about climate change and global warming.**
- **National Science Day and Mathematics Day are commemorated on 28th February, and 22nd December every year respectively with an objective to develop the essence of science & technology.**
- **Engineering Day is celebrated every year on 15th Sep.**
- **Institution celebrates all festivals like Pongal, Dussehra, Christmas, and Ramzan, etc. by involving all faculty and students.**

Impact:

These celebrations promoted national pride, cultural values, scientific temper, and religious harmony among students.

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	<u>View File</u>
Geotagged photographs of some of the events	<u>View File</u>
Any other relevant information	<u>View File</u>

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice-1: FELICITATION OF PARENTS

Parents' felicitation is adopted as a tradition and organized in a grand manner.

Objectives of the Practice: To ensure that the students realize the hard work and sacrifice of parents in the success story of the student.

The Context: Students of this age are usually misled with over confidence, resulting in wrong attitude.

The Practice: Parents of the outgoing students are invited to the campus and are felicitated in a grand scale.

Evidence of Success: Students have excelled in their careers and most of them being first time engineers of the family, uplifted the socio-economic status of the family.

Problems Encountered and Resources Required: SAC and systematically organize 5,000 people.

Best Practice-2: TRANSDISCIPLINARY TRAINING TO CORE ENGINEERING STUDENTS

Objective: To prepare core Engineering Student to Information Technology (IT) Jobs with High-Package.

Context: It is realised that a number of jobs in the production Sector is dwindling year by year. To develop Programming Skills,

Coding ability among Civil, Electrical and Mechanical Engineering Students.

Practice:One Course on Programming Skills is introduced every semester and also given special training on coding.

Evidence of Success: 50-60% Students in IT industry

Problem: Mid set of Students towards core jobs

File Description	Documents
Best practices in the Institutional website	https://vignaniit.edu.in/naac/criteria7/7.2.1/7.2.1%20Best%20Practices%20-1.pdf
Any other relevant information	https://vignaniit.edu.in/naac/criteria7/7.2.1/7.2.1%20Best%20practice%202.pdf

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

ACCESSIBLE, AFFORDABLE AND QUALITY HIGHER EDUCATION TO THE WEAKER SECTION STUDENTS AND DEVELOP THEM INTO WORLD CLASS PROFESSIONALS

Context:

During bridge course, it is observed that students from weaker sections are physically and mentally strong and also possess good ethical values but they are timid and docile as their confidence levels are low due to lack of command on globally accepted communication skills.

Measures taken to make them globally competent:

- Development of Communication and Confidence
  - A special training program focusing on verbal and non-verbal communication skills, through playlets, elocutions, newspaper reading etc.
- Mean and Merit Scholarships
  - The Institute provides Mean and Merit Scholarships to

these students
- Counselling and Mentoring
  - Effective Counselling mechanism in place to counsel and mentor whenever the students suffer from emotional imbalances, which is common because of socio-economic status.
- Holistic Development
  - Student Activity Council organises various co-curricular and extra-curricular events
- Semester long Industry based Internship
  - A Semester long Internship helps the students to expose themselves to real time Industry Environment and also to boost the confidence levels.

Outcomes

- 90% students are placed in top MNCs, with an average salary package of Rupees Six Lakhs per annum.

File Description	Documents
Appropriate link in the institutional website	https://vignaniit.edu.in/naac/criteria7/7.3.1/7.3.1%20brouchure.pdf
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of Action for the Academic Year 2021-22

- Introduce B.Tech. and M.Tech. programs in emerging areas such as Cyber Security, Machine Learning, Artificial Intelligence, Data Science for a sustainable career of students.
- Revision of curriculum with more value-add courses addressing the industry needs.
- Improve the Institute h-index from 17 to 25.
- targeting the overall atainement is 2.75to 3.00
- Recruit experienced doctorates with good academic and industrial experience, who can expose students with real-time environment in lectures.
- Publish more than 1000 research papers and seek grants to a tune of Rupees One Crore.

- Augment the infrastructure with increased number of systems and better internet and laboratory facilities
- Launch of ticketing platform for ease of operations and integration of departments.
- Increase the average campus placement compensation to Rupees 5 Lakhs per annum.
- Conduct ten specialised trainings on end-to-end software development life cycle.
- Conduct ten dedicated core training sessions.
- Conduct five skill training sessions.
- Bag at least five GATE ranks below 1000.
- Conduct ideathons and hackathons for students to gather 200 ideas and fund five of them as start-ups that address predominantly societal problems.
- Improvise on the policies and procedures to make the Institute a completely automated environment.